

TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.
Address: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road,
Haidian District, Beijing, China, 100085
Equipment Type: Mobile Phone
Model Name: 23129RA5FL
Brand Name: Redmi
FCC ID: 2AFZZA5FL
Test Standard: 47 CFR Part 2
(Others refer to chapter 3.1)
Sample Arrival Date: Sep. 11, 2023
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ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Huang Jinsheng

Checked by: Wu Huihui

Approved by: Tolan Tu
(Testing Director)

Huang Jinsheng

Wu Huihui

Tolan Tu

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Nov. 09, 2023</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	23129RA5FL
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	135100N7
Software Version	MIUI14
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S02, S09, S20
IMEI Number	S02: IMEI1 869912060025125, IMEI2 869912060025133
	S09: IMEI1 869912060071004, IMEI2 869912060071012
	S20: IMEI1 869912060073349, IMEI2 869912060073356

2.4 Technical Information

All Network and Wireless connectivity for EUT	2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 1/2/4/5/8 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/13/17/18/19/26/28/66 TDD LTE Band 38/40/41 LTE CA Uplink (UL): CA_7C, CA_38C, CA_40C Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) Band 1/2/3, 5.8G SRD, GPS, GLONASS, Galileo, BDS, SBAS, FM receiver
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.
Note 1: The EUT is a mobile phone, supporting dual SIM card slots under the same transceiver. Both SIM card slots support GSM, WCDMA and LTE. And both SIM card slots share the same transceiver, so only SIM1 is tested in this report.	

The following is the technical information of the EUT tested frequency bands in this report.

Operating Bands	GSM/GPRS/EGPRS 850/ 1900 MHz WCDMA/HSDPA/HSUPA Band 2/4/5 FDD LTE Band 2/4/5/7/12/13/17/26/66 TDD LTE Band 38/41 CA_7C, CA_38C	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA	QPSK
	/HSUPA	16QAM
	LTE	QPSK/16QAM/64QAM
Multislot Class	GPRS/EGPRS: 33	
Antenna Type	PIFA Antenna	
Antenna Gain	GSM/GPRS/EGPRS 850: -5.65 dBi GSM/GPRS/EGPRS 1900: -0.6 dBi WCDMA/HSDPA/HSUPA Band 2: -0.6 dBi WCDMA/HSDPA/HSUPA Band 4: -2.9 dBi WCDMA/HSDPA/HSUPA Band 5: -5.65 dBi FDD LTE Band 2: -0.6 dBi FDD LTE Band 4: -2.9 dBi FDD LTE Band 5: -5.65 dBi FDD LTE Band 7: 1.2 dBi	

			FDD LTE Band 12: -4.71 dBi FDD LTE Band 13: -5.13 dBi FDD LTE Band 17: -4.71 dBi FDD LTE Band 26(Part22): -5.65 dBi FDD LTE Band 26(Part90): -5.9 dBi FDD LTE Band 66: -2.8 dBi TDD LTE Band 38: 1.2 dBi TDD LTE Band 41: 1.5 dBi	
The Max RF Output Power (EIRP/ERP)			GSM/GPRS/EGPRS 850: 24.90 dBm GSM/GPRS/EGPRS 1900: 32.16 dBm WCDMA/HSDPA/HSUPA Band 2: 23.45 dBm WCDMA/HSDPA/HSUPA Band 4: 21.24 dBm WCDMA/HSDPA/HSUPA Band 5: 16.62 dBm FDD LTE Band 2: 23.89 dBm FDD LTE Band 4: 21.48 dBm FDD LTE Band 5: 17.16 dBm FDD LTE Band 7: 25.32 dBm FDD LTE Band 12: 18.02 dBm FDD LTE Band 13: 17.70 dBm FDD LTE Band 17: 17.72 dBm FDD LTE Band 26 (part22): 17.55 dBm FDD LTE Band 26 (part90): 17.03 dBm FDD LTE Band 66: 21.56 dBm TDD LTE Band 38: 26.35 dBm TDD LTE Band 41: 25.34 dBm CA_7C: 26.49 dBm CA_38C: 25.68 dBm	
Band	Power Class		Tx Frequency Range	Rx Frequency Range
	GMSK	GMSK		
GSM850	4	E2	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
GSM1900	1	E2	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
WCDMA B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
LTE B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
LTE B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B7	3		2500 MHz ~ 2570 MHz	2620 MHz ~ 2690 MHz
LTE B12	3		699 MHz ~ 716 MHz	729 MHz ~ 746 MHz
LTE B13	3		777 MHz ~ 787 MHz	746 MHz ~ 756 MHz
LTE B17	3		704 MHz ~ 716 MHz	734 MHz ~ 746 MHz
LTE B26	3		814 MHz ~ 824 MHz	859 MHz ~ 869 MHz
			824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B38	3		2570 MHz ~ 2620 MHz	2570 MHz ~ 2620 MHz

LTE B41	3	2496 MHz ~ 2690 MHz	2496 MHz ~ 2690 MHz
LTE B66	3	1710 MHz ~ 1780 MHz	2110 MHz ~ 2180 MHz

Note1: The EUT information provided by the applicant, except for The Max RF Conducted Power. For more detailed band specifications and features description, please refer to the manufacturer's specifications or user's manual.

Note 2: There are two main antennas and two diversity antennas for WWAN. Two diversity antennas only support receiving signal. Two main antennas have only one RF port, supporting transceiving, and can switch. But main antennas can't transmit simultaneously. Details please refer to internal photos.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22 Subpart H	Cellular Radiotelephone Service
3	47 CFR Part 24 Subpart E	Broadband PCS
4	47 CFR Part 27	Miscellaneous Wireless Communications Services
5	47 CFR Part 90 Subpart S	Regulations Governing Licensing and Use of Frequencies in the 806-824, 851-869, 896-901, and 935-940 MHz Bands
6	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
7	KDB 971168 D01 v03	Measurement Guidance for Certification of Licensed Digital Transmitters

3.2 Test Verdict

No.	Test Description	FCC Part No.	Test Result	Test Verdict
1	Conducted RF Output Power	2.1046	Reporting only (ANNEX A.1)	Pass
2	Effective (Isotropic) Radiated Power	2.1046 22.913 24.232 27.50 90.635(b)	ANNEX A.1	Pass
3	Peak to Average Ratio	2.1046 24.232(d) 27.50(d)	ANNEX A.2	Pass
4	Occupied Bandwidth	2.1049 22.917 24.238 27.53 90.209	ANNEX A.3	Pass
5	Frequency Stability	2.1055 22.355 24.235 27.54 90.213	ANNEX A.4	Pass
6	Spurious Emission at Antenna Terminals	2.1051 22.917 24.238 27.53 90.691	ANNEX A.5	Pass
7	Band Edge	2.1051 22.917 24.238 27.53 90.691	ANNEX A.6	Pass
8	Field Strength of Spurious Radiation	2.1053 22.917 24.238 27.53 90.691	ANNEX A.7	Pass

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the environmental conditions were within the listed ranges:

Relative Humidity		20% to 75%
Atmospheric Pressure		98 kPa to 102 kPa
Test Voltage of the EUT	NV (Normal Voltage)	3.89 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.45 V
Test Temperature of the EUT	NT (Normal Temperature)	15 °C to 35 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	+50 °C

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Version	Cal. Date	Cal. Due
2/3/4/5G RF Test System						
BL410 Test Software	BALUN	BL410R	N/A	3.0.536	N/A	N/A
Temperature Chamber	AHK	SP20	1412	N/A	2023.09.11	2024.09.10
Universal Radio Communication Tester	R&S	CMU 200	121487	V5.21	2022.12.28	2023.12.27
Wideband Radio Communication Tester	R&S	CMW 500	167190	V4.0.60	2023.05.11	2024.05.10
Wideband Radio Communication Tester	R&S	CMW 500	102318	V3.2.71	2023.05.16	2024.05.15
Spectrum Analyzer	keysight	N9020A	MY50531628	A.16.09	2023.05.12	2024.05.11
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2023.01.03	2024.01.02
DC Power Supply	ITECH	IT6863A	800014020757810006	N/A	2023.08.16	2024.08.15
Radiated Test System						
Radiated Test System Test Software	BALUN	BL410-E	N/A	V22.930	N/A	N/A

Wideband Radio Communication Tester	R&S	CMW 500	167190	V4.0.60	2023.05.11	2024.05.10
Wideband Radio Communication Tester	R&S	CMW 500	102318	V3.2.71	2023.05.16	2024.05.15
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2023.01.03	2024.01.02
Test Antenna-Bi-Log(30 MHz-3 GHz)	Schwarzbeck	VULB 9163	9163-624	N/A	2021.08.20	2024.08.19
Test Antenna-Horn(1-18 GHz)	Schwarzbeck	BBHA 9120D	01917	N/A	2022.06.09	2025.06.08
Test Antenna-Horn(18-40 GHz)	A-INFO	LB-180400KF	J211060273	N/A	2021.07.02	2024.07.01
Anechoic Chamber	YIHENG	9m*6m*6m	144	N/A	2022.02.09	2024.09.03
EMI Receiver	Keysight	N9038A	MY53220118	A.14.16	2023.09.05	2024.09.04

4.3 Test Configurations

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Effective (Isotropic) Radiated Power	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
	HSDPA Band 2	v	v	v
	HSDPA Band 4	v	v	v
	HSDPA Band 5	v	v	v
	HSUPA Band 2	v	v	v
	HSUPA Band 4	v	v	v
	HSUPA Band 5	v	v	v
Peak to Average Ratio	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Occupied Bandwidth	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Frequency Stability	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Spurious Emission at Antenna Terminals	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Band Edge	GSM 850	v	--	v
	GSM 1900	v	--	v
	EGPRS 850	v	--	v
	EGPRS 1900	v	--	v
	WCDMA Band 2	v	--	v
	WCDMA Band 4	v	--	v
	WCDMA Band 5	v	--	v
Field Strength of Spurious Radiation	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Note 1: The mark "v" means that this configuration is chosen for testing.				

Test Mode	UL Channel	UL Channel No.	UL Frequency (MHz)
GSM/GPRS/EGPRS 850	Low Channel	128	824.2
	Middle Channel	190	836.6
	High Channel	251	848.8
GSM/GPRS/EGPRS 1900	Low Channel	512	1850.2
	Middle Channel	661	1880.0
	High Channel	810	1909.8
WCDMA Band 2	Low Channel	9262	1852.4
	Middle Channel	9400	1880.0
	High Channel	9538	1907.6
WCDMA Band 4	Low Channel	1312	1712.4
	Middle Channel	1412	1732.4
	High Channel	1513	1752.6
WCDMA Band 5	Low Channel	4132	826.4
	Middle Channel	4182	836.4
	High Channel	4233	846.6

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
Effective (Isotropic) Radiated Power														
2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	v	v	v	v	n	n	v	v	v	v	v	v	v	v
7	n	n	v	v	v	v	v	v	v	v	v	v	v	v
12	v	v	v	v	n	n	v	v	v	v	v	v	v	v
13	n	n	v	v	n	n	v	v	v	v	v	v	v	v
17	n	n	v	v	n	n	v	v	v	v	v	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	v	v	v	v	v	v
26(Part90)	v	v	v	v	--	n	v	v	v	v	v	v	v	v
38	n	n	v	v	v	v	v	v	v	v	v	v	v	v
41	n	n	v	v	v	v	v	v	v	v	v	v	v	v
66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak to Average Ratio														
2	--	--	--	--	--	v	v	v	v	--	v	v	v	v
4	--	--	--	--	--	v	v	v	v	--	v	v	v	v
5	--	--	--	v	n	n	v	v	v	--	v	v	v	v
7	n	n	--	--	--	v	v	v	v	--	v	v	v	v
12	--	--	--	v	n	n	v	v	v	--	v	v	v	v
13	n	n	--	v	n	n	v	v	v	--	v	--	v	--
17	n	n	--	v	n	n	v	v	v	--	v	v	v	v
26(Part22)	--	--	--	--	v	n	v	v	v	--	v	v	v	v
26(Part90)	--	--	--	v	--	n	v	v	v	--	v	--	v	--
38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
66	--	--	--	--	--	v	v	v	v	--	v	v	v	v
Occupied Bandwidth														
2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
12	v	v	v	v	n	n	v	v	--	--	v	v	v	v
13	n	n	v	v	n	n	v	v	--	--	v	v	v	v
17	n	n	v	v	n	n	v	v	--	--	v	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	--	--	v	v	v	v
26(Part90)	v	v	v	v	--	n	v	v	--	--	v	v	v	v
38	n	n	v	v	v	v	v	v	--	--	v	v	v	v
41	n	n	v	v	v	v	v	v	--	--	v	v	v	v
66	v	v	v	v	v	v	v	v	--	--	v	v	v	v
Frequency Stability														

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
2	--	--	--	v	--	--	v	v	--	--	v	--	v	--
4	--	--	--	v	--	--	v	v	--	--	v	--	v	--
5	--	--	--	v	n	n	v	v	--	--	v	--	v	--
7	n	n	--	v	--	--	v	v	--	--	v	--	v	--
12	--	--	--	v	n	n	v	v	--	--	v	--	v	--
13	n	n	--	v	n	n	v	v	--	--	v	--	v	--
17	n	n	--	v	n	n	v	v	--	--	v	--	v	--
26(Part22)	--	--	--	v	--	n	v	v	--	--	v	--	v	--
26(Part90)	--	--	--	v	--	n	v	v	--	--	v	--	v	--
38	n	n	--	v	--	--	v	v	--	--	v	--	v	--
41	n	n	--	v	--	--	v	v	--	--	v	--	v	--
66	--	--	--	v	--	--	v	v	--	--	v	--	v	--
Spurious Emission at Antenna Terminals														
2	v	v	v	v	v	v	v	v	v	--	--	v	v	v
4	v	v	v	v	v	v	v	v	v	--	--	v	v	v
5	v	v	v	v	n	n	v	v	v	--	--	v	v	v
7	n	n	v	v	v	v	v	v	v	--	--	v	v	v
12	v	v	v	v	n	n	v	v	v	--	--	v	v	v
13	n	n	v	v	n	n	v	v	v	--	--	v	v	v
17	n	n	v	v	n	n	v	v	v	--	--	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	v	--	--	v	v	v
26(Part90)	v	v	v	v	--	n	v	v	v	--	--	v	v	v
38	n	n	v	v	v	v	v	v	v	--	--	v	v	v
41	n	n	v	v	v	v	v	v	v	--	--	v	v	v
66	v	v	v	v	v	v	v	v	v	--	--	v	v	v
Band Edge														
2	v	v	v	v	v	v	v	v	v	--	v	v	--	v
4	v	v	v	v	v	v	v	v	v	--	v	v	--	v
5	v	v	v	v	n	n	v	v	v	--	v	v	--	v
7	n	n	v	v	v	v	v	v	v	--	v	v	--	v
12	v	v	v	v	n	n	v	v	v	--	v	v	--	v
13	n	n	v	v	n	n	v	v	v	--	v	v	--	v
17	n	n	v	v	n	n	v	v	v	--	v	v	--	v
26(Part22)	v	v	v	v	v	n	v	v	v	--	v	v	--	v
26(Part90)	v	v	v	v	--	n	v	v	v	--	v	v	--	v
38	n	n	v	v	v	v	v	v	v	--	v	v	--	v
41	n	n	v	v	v	v	v	v	v	--	v	v	--	v
66	v	v	v	v	v	v	v	v	v	--	v	v	--	v
Field Strength of Spurious Radiation														
2	Worst case													
4	Worst case													

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
5	Worst case													
7	Worst case													
12	Worst case													
13	Worst case													
17	Worst case													
26(Part22)	Worst case													
26(Part90)	Worst case													
38	Worst case													
41	Worst case													
66	Worst case													
Note 1: The mark “v” means that this configuration is chosen for testing.														
Note 2: The mark “n” means that this bandwidth is not supported.														

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
LTE Band 2	Low Range	1.4	18607	1850.7
		3	18615	1851.5
		5	18625	1852.5
		10	18650	1855
		15	18675	1857.5
		20	18700	1860
	Middle Range	1.4/3/5/10/15/20	18900	1880
	High Range	1.4	19193	1909.3
		3	19185	1908.5
		5	19175	1907.5
		10	19150	1905
		15	19125	1902.5
		20	19100	1900
LTE Band 4	Low Range	1.4	19957	1710.7
		3	19965	1711.5
		5	19975	1712.5
		10	20000	1715
		15	20025	1717.5
		20	20050	1720
	Middle Range	1.4/3/5/10/15/20	20175	1732.5
	High Range	1.4	20393	1754.3
		3	20385	1753.5
		5	20375	1752.5
		10	20350	1750
		15	20325	1747.5
		20	20300	1745
LTE Band 5	Low Range	1.4	20407	824.7
		3	20415	825.5
		5	20425	826.5
		10	20450	829
	Middle Range	1.4/3/5/10	20525	836.5
	High Range	1.4	20643	848.3
		3	20635	847.5
		5	20625	846.5
		10	20600	844
LTE Band 7	Low Range	5	20775	2502.5
		10	20800	2505
		15	20825	2507.5
		20	20850	2510
	Middle Range	5/10/15/20	21100	2535

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	High Range	5	21425	2567.5
		10	21400	2565
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 13	Low Range	5	23205	779.5
		10	23230	782
	Middle Range	5/10	23230	782
	High Range	5	23255	784.5
		10	23230	782
LTE Band 17	Low Range	5	23755	706.5
		10	23780	709
	Middle Range	5/10	23790	710
	High Range	5	23825	713.5
		10	23800	711
LTE Band 26 (Part90)	Low Range	1.4	26697	814.7
		3	26705	815.5
		5	26715	816.5
		10	---	---
	Middle Range	1.4/3/5/10	26740	819
	High Range	1.4	26783	823.3
		3	26775	822.5
		5	26765	821.5
		10	---	---
LTE Band 26 (Part22)	Low Range	1.4	26797	824.7
		3	26805	825.5
		5	26815	826.5
		10	26840	829
		15	26865	831.5
	Middle Range	1.4/3/5/10/15	26915	836.5
	High Range	1.4	27033	848.3
		3	27025	847.5
		5	27015	846.5

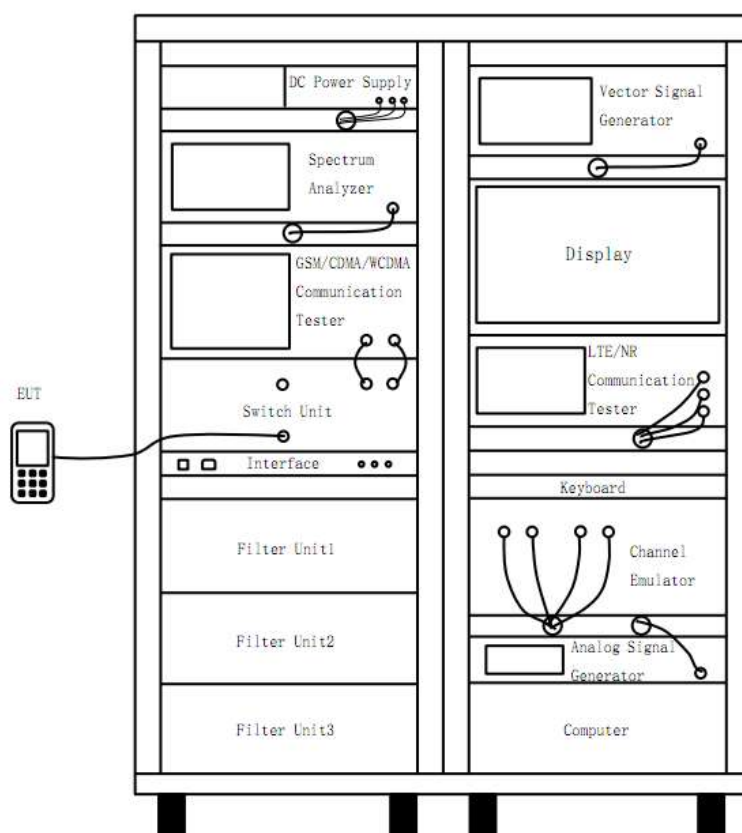
Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		10	26990	844
		15	26965	841.5
LTE-Band 66	Low Range	1.4	131979	1710.7
		3	131987	1711.5
		5	131997	1712.5
		10	132022	1715
		15	132047	1717.5
		20	132072	1720
	Middle Range	1.4/3/5/10/15/20	132322	1745
	High Range	1.4	132665	1779.3
		3	132657	1778.5
		5	132647	1777.5
		10	132622	1775
		15	132597	1772.5
		20	132572	1770
LTE Band 38	Low Range	5	37775	2572.5
		10	37800	2575
		15	37825	2577.5
		20	37850	2580
	Middle Range	5/10/15/20	38000	2595
	High Range	5	38225	2617.5
		10	38200	2615
		15	38175	2612.5
		20	38150	2610
LTE Band 41	Low Range	5	39675	2498.5
		10	39700	2501
		15	39725	2503.5
		20	39750	2506
	Middle Range	5/10/15/20	40620	2593
	High Range	5	41565	2687.5
		10	41540	2685
		15	41515	2682.5
		20	41490	2680

Test frequencies for CA_7C											
Range	CC- Combo / NRB_agg [RB]	CC1					CC2				
		BW [RB]	N _{UL}	f _{UL} [MHz]	N _{DL}	f _{DL} [MHz]	BW [RB]	N _{UL}	f _{UL} [MHz]	N _{DL}	f _{DL} [MHz]
Low	50+100	50	20805	2505.5	2805	2625.5	100	20949	2519.9	2949	2639.9
		100	20850	2510	2850	2630	50	20994	2524.4	2994	2644.4
	75+50	75	20825	2507.5	2825	2627.5	50	20945	2519.5	2945	2639.5
	75+75	75	20825	2507.5	2825	2627.5	75	20975	2522.5	2975	2642.5
	75+100	75	20828	2507.8	2828	2627.8	100	20999	2524.9	2999	2644.9
		100	20850	2510	2850	2630	75	21021	2527.1	3021	2647.1
	100+100	100	20850	2510	2850	2630	100	21048	2529.8	3048	2649.8
Mid	50+100	50	21006	2525.6	3006	2645.6	100	21150	2540	3150	2660
		100	21051	2530.1	3051	2650.1	50	21195	2544.5	3195	2664.5
	75+50	75	21051	2530.1	3051	2650.1	50	21171	2542.1	3171	2662.1
	75+75	75	21025	2527.5	3025	2647.5	75	21175	2542.5	3175	2662.5
	75+100	75	21003	2525.3	3003	2645.3	100	21174	2542.4	3174	2662.4
		100	21026	2527.6	3026	2647.6	75	21197	2544.7	3197	2664.7
	100+100	100	21001	2525.1	3001	2645.1	100	21199	2544.9	3199	2664.9
High	50+100	50	21206	2545.6	3206	2665.6	100	21350	2560	3350	2680
		100	21251	2550.1	3251	2670.1	50	21395	2564.5	3395	2684.5
	75+50	75	21277	2552.7	3277	2672.7	50	21397	2564.7	3397	2684.7
	75+75	75	21225	2547.5	3225	2667.5	75	21375	2562.5	3375	2682.5
	75+100	75	21179	2542.9	3179	2662.9	100	21350	2560	3350	2680
		100	21201	2545.1	3201	2665.1	75	21372	2562.2	3372	2682.2
	100+100	100	21152	2540.2	3152	2660.2	100	21350	2560	3350	2680

Test frequencies for CA_38C							
Range	CC-Combo / NRB_agg [RB]	CC1			CC2		
		BW [RB]	N _{UL/DL}	f _{UL/DL} [MHz]	BW [RB]	N _{UL/DL}	f _{UL/DL} [MHz]
Low	75+75	75	37825	2577.5	75	37975	2592.5
	100+100	100	37850	2580	100	38048	2599.8
Mid	75+75	75	37925	2587.5	75	38075	2602.5
	100+100	100	37901	2585.1	100	38099	2604.9
High	75+75	75	38025	2597.5	75	38175	2612.5
	100+100	100	37952	2590.2	100	38150	2610

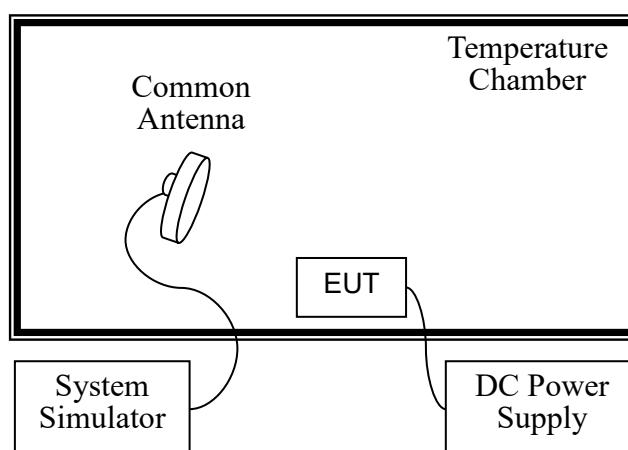
4.4 Test Setup

4.4.1 For Antenna Port Test



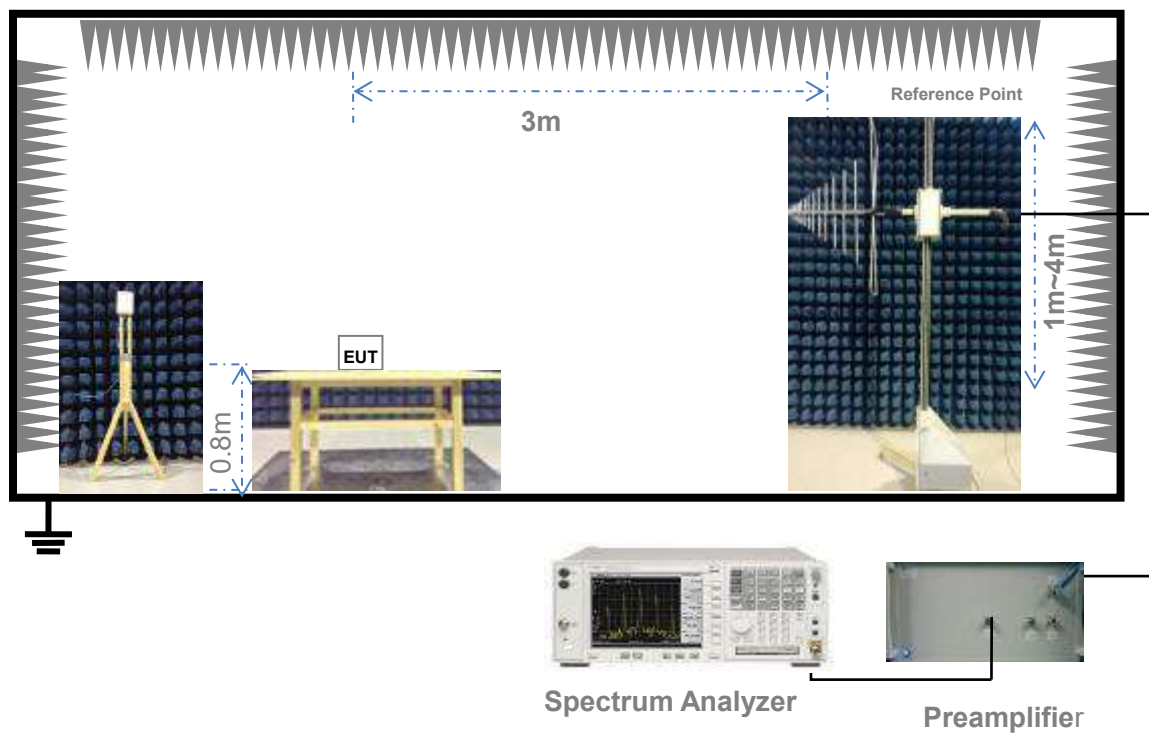
(Diagram 1)

4.4.2 For Frequency Stability Test



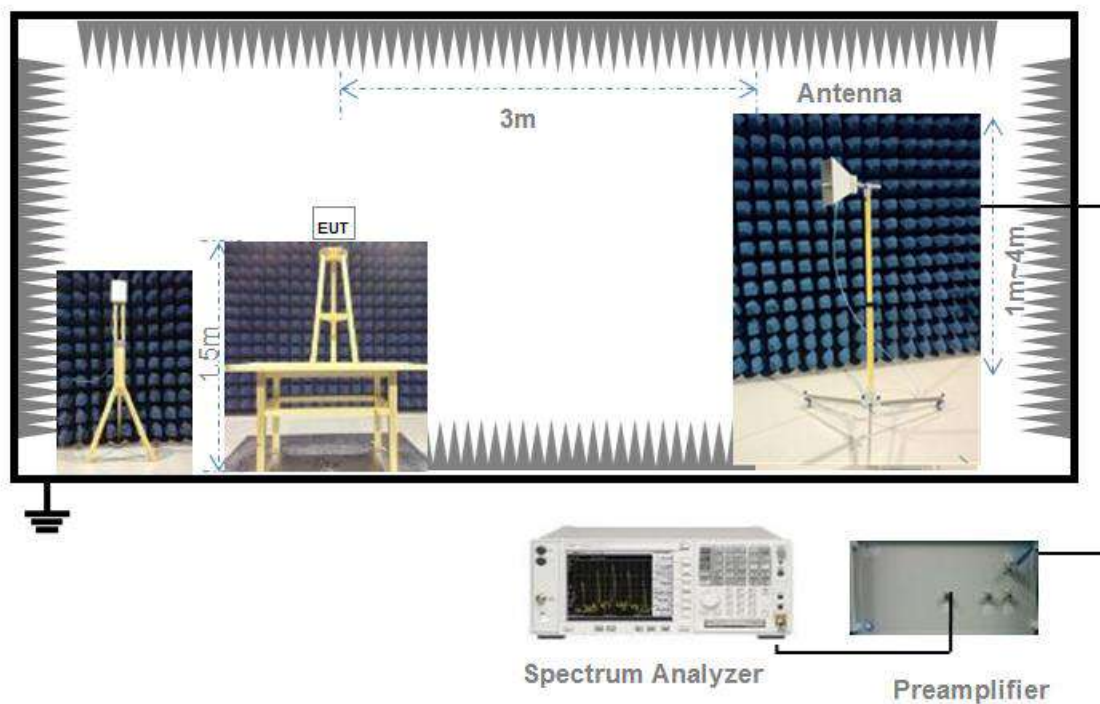
(Diagram 2)

4.4.3 For Radiated Test (30 MHz ~ 1 GHz)



(Diagram 3)

4.4.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

5 TEST ITEMS

5.1 Transmitter Radiated Power (EIRP/ERP)

5.1.1 Limit

FCC § 2.1046 & 22.913(a) & 24.232(c) & 27.50(a) & 27.50(b) & 27.50(c) & 27.50(d) & 27.50(h) & 27.50(j) & 27.50(k) & 90.635(b)

According to FCC section 22.913(a) (5), the Effective Radiated Power (ERP) of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50(a) (3), for mobile and portable stations transmitting in the 2305-2315MHz band or the 2350-2360MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands.

FCC section 27.50(b) (10), portable stations (hand-held devices) transmitting in the 746-757MHz, 776-788MHz, and 805-806MHz bands are limited to 3 watts ERP.

FCC section 27.50(c) (10), portable stations (hand-held devices) in the 600MHz uplink band and the 698-746MHz band, and fixed and mobile stations in the 600MHz uplink band are limited to 3 watts ERP.

FCC section 27.50(d) (4), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(7) Fixed, mobile, and portable (hand-held) stations operating in the 2000-2020 MHz band are limited to 2 watts EIRP.

And FCC section 27.50(h) (2), for mobile and other user stations, mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

FCC section 27.50(j) (3), for mobile, and portable (hand-held) stations operating in the 3700-3980 MHz band are limited to 1 watt EIRP.

FCC section 27.50(k) (3), Mobile devices are limited to 1Watt (30 dBm) EIRP in the 3450-3550 MHz band.

According to FCC section 90.635(b), the maximum output power of the transmitter for mobile stations is 100 watts (20dBW).

5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for conducted test, and the section 4.4.3 and

4.4.4 (Diagram 3, 4) test setup description is used for radiated test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Description of the Conducted Output Power Measurement

The EUT is coupled to the SS with attenuator through power splitter; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. A system simulator is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The relevant equation for determining the conducted measured value is:

$$\text{Conducted Output Power Value (dBm)} = \text{Measured Value (dBm)} + \text{Path Loss (dB)}$$

where:

Conducted Output Power Value = final conducted measured value in the conducted power test, in dBm;

Measured Value = measured conducted power received by spectrum analyzer or power meter, in dBm;

Path Loss = signal attenuation in the connecting cable between the transmitter and spectrum analyzer or power meter, including external cable loss, in dB;

During the test, the data of Path Loss (dB) is added in the spectrum analyzer or power meter, so Measured Value (dBm) is the final values which contains the data of Path Loss (dB).

For example:

In the conducted output power test, when measured value for GSM850 is 24.7 dBm, and path loss is 8.5 dB, then final conducted output power value is:

$$\text{Conducted Output Power Value (dBm)} = 24.7 \text{ dBm} + 8.5 \text{ dB} = 33.2 \text{ dBm}$$

Description of the Transmitter Radiated Power Measurement

In many cases, the RF output power limits for licensed digital transmission devices is specified in terms of effective radiated power (ERP) or equivalent isotropic radiated power (EIRP). Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are determined by adding the transmit antenna gain to the conducted RF output power with the primary difference between the two being that when determining the ERP, the transmit antenna gain is referenced to a dipole antenna (i.e., dBd) whereas when determining the EIRP, the transmit antenna gain is referenced to an isotropic antenna (dBi).

Final measurement calculation as below:

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP/EIRP} = P_{\text{Meas}} + \text{GT} - \text{LC}$$

where:

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

dBd (ERP)=dBi (EIRP) -2.15 dB

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

For example:

In the EIRP test, when P_{Meas} value for GSM1900 is 30.2 dBm, LC is 0.6 dB, and GT is -3.4 dB, then final EIRP value is:

$$\text{EIRP for GSM1900} = 30.2 \text{ dBm} - 3.4 \text{ dBi} - 0.6 \text{ dB} = 26.2 \text{ dBm}$$

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:

$$\text{ERP/EIRP (dBm)} = \text{SA Read Value (dBm)} + \text{Correction Factor (dB)}$$

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer, so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

For example:

In the ERP test, when SA read value for GSM850 is 21dBm, and correction factor is 8dB, then final ERP value for GSM850 is:

$$\text{ERP (dBm)} = 21\text{dBm} + 8\text{dB} = 29\text{dBm}$$

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Peak to Average Ratio

5.2.1 Limit

FCC § 2.1046 & 24.232(d) & 27.50(d) & 27.50(j) & 27.50(k)

In addition, when the transmitter power is measured in terms of average value, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

According to FCC section 24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with 24.232 (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

FCC section 24.232(e), peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

According to FCC section 27.50(d) (5) & 27.50(j) & 27.50(k), in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

5.2.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Here the lowest, middle and highest channels are selected to perform testing to verify the peak-to-average ratio.

According to KDB 971168 D01, there is CCDF procedure for PAPR:

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Set the measurement interval as follows:
 - 1) for continuous transmissions, set to 1 ms,

2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.

e) Record the maximum PAPR level associated with a probability of 0.1%.

Alternate procedure for PAPR:

Use one of the procedures presented in 4.1 to measure the total peak power and record as P_{Pk} . Use one of the applicable procedures presented 4.2 to measure the total average power and record as P_{Avg} . Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:

$$PAPR (dB) = P_{Pk} (dBm) - P_{Avg} (dBm).$$

5.2.4 Test Result

Please refer to ANNEX A.2.

5.3 Occupied Bandwidth

5.3.1 Limit

FCC § 2.1049

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

Many of the individual rule parts specify a relative OBW in lieu of the 99% OBW. In such cases, the OBW is defined as the width of the signal between two points, one below the carrier center frequency and on above the carrier center frequency, outside of which all emissions are attenuated by at least X dB below the transmitter power, where the value of X is typically specified as 26.

5.3.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

The following procedure shall be used for measuring power bandwidth.

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the anticipated OBW).
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
- c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least 10log (OBW / RBW) below the reference level.
- d) NOTE—Steps a) through c) may require iteration to adjust within the specified tolerances.
- e) For -26 dB OBW, the dynamic range of the spectrum analyzer at the selected RBW shall be at least 10dB below the target “-X dB down” requirement, e.g. -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be 36dB below the reference value.
- f) Set the detection mode to peak, and the trace mode to max hold.
- g) For 99% OBW, use the 99 % power bandwidth function of the spectrum analyzer (if available) and report the measured bandwidth.

If the instrument does not have a 99 % power bandwidth function, the trace data points are to be recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is

recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99 % power bandwidth is the difference between these two frequencies.

h) For -26 dB OBW, determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).

Determine the “-X dB down amplitude” as equal to (reference value -X). Alternatively, this calculation can be performed by the analyzer by using the marker-delta function.

Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below “-X dB down amplitude” determined in step g). If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.

i) The OBW shall be reported by providing plot(s) of the measuring instrument display. The frequency and amplitude axes and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

j) Change variable modulations, coding, or channel bandwidth settings, then repeat above test procedures.

5.3.4 Test Result

Please refer to ANNEX A.3.

5.4 Frequency Stability

5.4.1 Limit

FCC § 2.1055 & 22.355 & 24.235 & 27.54 & 90.213

FCC § 2.1055

The frequency stability shall be measured with variation of ambient temperature as follows:

- (1) The temperature is varied from -30°C to +50°C.
- (2) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10°C through the range.

The frequency stability shall be measured with variation of primary supply voltage as follows:

- (1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than carried battery equipment.
- (2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating and point which shall be specified by the manufacture.
- (3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

FCC § 22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency range (MHz)	Base, fixed (ppm)	Mobile > 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929	5.0	n/a	n/a
929 to 960	1.5	n/a	n/a
2110 to 2220	10.0	n/a	n/a

FCC § 24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

FCC § 27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

FCC § 90.213

The frequency stability shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

5.4.2 Test Setup

The section 4.4.2 (Diagram 2) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

1. The EUT is placed in a temperature chamber.
2. The temperature is set to 25°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured.
3. The temperature is increased by not more than 10 degrees, allowed to stabilize and soak, and then repeat the frequency error measurement.
4. Repeat procedure 3 until +50°C and -30°C is reached.
5. Change supply voltage, and repeat measurement until extreme voltage is reached.

5.4.4 Test Result

Please refer to ANNEX A.4.

5.5 Spurious Emission at Antenna Terminals

5.5.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC § 22.917(a) & 24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337MHz.

(2) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292MHz, and $70 + 10 \log(P)$ dB below 2288MHz.

(3) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365MHz, and not less than $70 + 10 \log(P)$ dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43+10*\log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1)

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

FCC § 27.53(l) (2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 27.53(m) (4)

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40 + 10 \log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43 + 10 \log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55 + 10 \log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

For mobile operations in the 3450 - 3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

5.5.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by

means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency blocks a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

1. The EUT is coupled to the system simulator and spectrum analyzer; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.
2. Base Station is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.
3. The RF output of the transmitter is connected to the input of the spectrum analyzer through sufficient attenuation.
4. Spurious emissions are tested with 0.001MHz RBW for frequency less than 150kHz, 0.01MHz RBW for frequency less than 30MHz, 0.1MHz RBW for frequency less than 1GHz, and 1MHz RBW for frequency above 1GHz. And sweep point number are at least 401, referring to following formula.

Sweep point number = Span/RBW

VBW=3*RBW

Detector Mode=mean or average power

5. Record the frequencies and levels of spurious emissions.

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC § 22.917(a) & 24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337MHz.

(2) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292MHz, and $70 + 10 \log(P)$ dB below 2288MHz.

(3) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365MHz, and not less than $70 + 10 \log(P)$ dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43+10*\log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1)

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

FCC § 27.53(l) (2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 27.53(m) (4)

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

- $55 + 10 \log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

For mobile operations in the 3450 - 3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

5.6.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The EUT, which is powered by the Battery, is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading.

1. The EUT is coupled to the system simulator and spectrum analyzer; the RF load attached to EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading.

2. Base Station is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.

3. The RF output of the transmitter is connected to the input of the spectrum analyzer through sufficient attenuation.

4. The center of the spectrum analyzer was set to block edge frequency.

5. Band edge are tested with 1%*cBW (RBW), and sweep point number referred to following formula.

$$\text{Sweep point number} = 2 * \text{Span} / \text{RBW}$$

$$\text{VBW} = 3 \text{RBW}$$

6. Record the frequencies and levels of spurious emissions.

For mobile and portable stations, on all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance. By using a 10 kHz bandwidth on the spectrum analyzer.

$$10 * \log(10 \text{ kHz} / 6.25 \text{ kHz}) = 2.04 \text{ dB}$$

$$\text{Limit Line} = -35 \text{ dBm} + 2.04 \text{ dB} = -32.96 \text{ dBm}$$

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

FCC § 2.1053 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691

FCC § 22.917(a) & 24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337MHz.

(2) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292MHz, and $70 + 10 \log(P)$ dB below 2288MHz.

(3) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365MHz, and not less than $70 + 10 \log(P)$ dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $76 + 10 \log(P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of

measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43+10\log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1)

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

FCC § 27.53(l) (2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 27.53(m) (4)

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service

licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

5.7.2 Test Setup

The section 4.4.3 and 4.4.4 (Diagram 3, 4) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

1. On a test site, the EUT shall be placed at 80cm height on a turn table, and in the position close to normal use as declared by the applicant.
2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to the fundamental frequency of the transmitter.
3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used for the measurement.
4. During the measurement of the EUT, the resolution bandwidth was to 1 MHz and the average bandwidth was set to 1 MHz.
5. The transmitter shall be switched on; the measuring receiver shall be tuned to the frequency of the

transmitter under test.

6. The test antenna shall be raised and lowered through the specified range of height until the maximum signal level is detected by the measuring receiver.

7. The transmitter shall be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.

8. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.

9. The maximum signal level detected by the measuring receiver shall be noted.

10. The EUT was replaced by half-wave dipole (824 ~ 849 MHz) or horn antenna (1 850 ~ 1 910 MHz) connected to a signal generator.

11. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase

the sensitivity of the measuring receiver.

12. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.

13. The input signal to the substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, which is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuator setting of the measuring receiver.

14. The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.

15. The measurement shall be repeated with the test antenna and the substitution antenna orientated for horizontal polarization.

Final measurement calculation as below:

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:

$$\text{ERP/EIRP (dBm)} = \text{SA Read Value (dBm)} + \text{Correction Factor (dB)}$$

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer,

so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

For example:

In the ERP test, when SA read value for GSM850 is 21dBm, and correction factor is 8dB, then final ERP value for GSM850 is:

$$\text{ERP (dBm)} = 21\text{dBm} + 8\text{dB} = 29\text{dBm}$$

5.7.4 Test Result

Please refer to ANNEX A.7.

ANNEX A TEST RESULTS

A.1 Transmitter Radiated Power (EIRP/ERP)

GSM Mode Test Data

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
GSM 850	LCH	30.98	-5.65	-7.80	23.18	0.208	7.00	Pass
	MCH	30.88	-5.65	-7.80	23.08	0.203	7.00	Pass
	HCH	30.80	-5.65	-7.80	23.00	0.200	7.00	Pass
GPRS 850	LCH	32.52	-5.65	-7.80	24.72	0.296	7.00	Pass
	MCH	32.61	-5.65	-7.80	24.81	0.303	7.00	Pass
	HCH	32.70	-5.65	-7.80	24.90	0.309	7.00	Pass
EGPRS 850	LCH	29.32	-5.65	-7.80	21.52	0.142	7.00	Pass
	MCH	29.21	-5.65	-7.80	21.41	0.138	7.00	Pass
	HCH	29.23	-5.65	-7.80	21.43	0.139	7.00	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM 1900	LCH	32.64	-0.6	32.04	1.600	2.00	Pass
	MCH	32.71	-0.6	32.11	1.626	2.00	Pass
	HCH	32.76	-0.6	32.16	1.644	2.00	Pass
GPRS 1900	LCH	30.90	-0.6	30.30	1.072	2.00	Pass
	MCH	30.74	-0.6	30.14	1.033	2.00	Pass
	HCH	30.61	-0.6	30.01	1.002	2.00	Pass
EGPRS 1900	LCH	29.25	-0.6	28.65	0.733	2.00	Pass
	MCH	29.02	-0.6	28.42	0.695	2.00	Pass
	HCH	28.88	-0.6	28.28	0.673	2.00	Pass

Note 1: For the GPRS and EGPRS mode, all slots were tested and just the worst data were recorded in this table.

Note 2: $ERP/EIRP = P_{Meas} + GT - LC$

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

$ERP = EIRP - 2.15$; where ERP and EIRP are expressed in consistent units.

Note 3: Set PCL to 5 for GSM/GPRS 850 (power class 4) and 0 for GSM/GPRS 1900 (power class 1).

Set PCL to 8 for EGPRS850 (power class E2) and 2 for EGPRS1900 (power class E2).

GPRS Conducted Output Power

Band	Channel	Conducted Output Peak Power							
		1 Slot (dBm)	1 Slot (W)	2 Slots (dBm)	2 Slots (W)	3 Slots (dBm)	3 Slots (W)	4 Slots (dBm)	4 Slots (W)
GPRS 850	LCH	32.52	1.786	29.51	0.893	27.71	0.590	26.37	0.434
	MCH	32.61	1.824	29.21	0.834	27.92	0.620	26.49	0.446
	HCH	32.70	1.862	29.41	0.873	28.07	0.642	26.64	0.461
GPRS 1900	LCH	30.90	1.230	27.41	0.551	25.36	0.344	24.28	0.268
	MCH	30.74	1.186	27.29	0.536	25.20	0.331	24.00	0.251
	HCH	30.61	1.151	27.18	0.522	25.06	0.320	23.91	0.246

EGPRS Conducted Output Power

Band	Channel	Conducted Output Peak Power							
		1 Slot (dBm)	1 Slot (W)	2 Slots (dBm)	2 Slots (W)	3 Slots (dBm)	3 Slots (W)	4 Slots (dBm)	4 Slots (W)
EGPRS 850	LCH	29.32	0.855	26.25	0.421	24.53	0.284	23.43	0.220
	MCH	29.21	0.834	26.19	0.416	24.36	0.273	23.16	0.207
	HCH	29.23	0.838	26.21	0.418	24.29	0.268	23.07	0.203
EGPRS 1900	LCH	29.25	0.841	26.41	0.437	24.97	0.314	22.97	0.198
	MCH	29.02	0.798	26.15	0.412	24.81	0.303	22.81	0.191
	HCH	28.88	0.773	25.93	0.391	24.44	0.278	22.57	0.181

WCDMA Mode Test Data

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 2	LCH	24.05	-0.6	23.45	0.221	2.00	Pass
	MCH	24.05	-0.6	23.45	0.221	2.00	Pass
	HCH	24.03	-0.6	23.43	0.220	2.00	Pass
HSDPA Band 2	LCH	23.06	-0.6	22.46	0.176	2.00	Pass
	MCH	23.02	-0.6	22.42	0.175	2.00	Pass
	HCH	22.96	-0.6	22.36	0.172	2.00	Pass
HSUPA Band 2	LCH	23.11	-0.6	22.51	0.178	2.00	Pass
	MCH	23.21	-0.6	22.61	0.182	2.00	Pass
	HCH	23.18	-0.6	22.58	0.181	2.00	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 4	LCH	24.14	-2.9	21.24	0.133	1.00	Pass
	MCH	24.06	-2.9	21.16	0.131	1.00	Pass
	HCH	24.12	-2.9	21.22	0.132	1.00	Pass
HSDPA Band 4	LCH	23.04	-2.9	20.14	0.103	1.00	Pass
	MCH	22.96	-2.9	20.06	0.101	1.00	Pass
	HCH	22.96	-2.9	20.06	0.101	1.00	Pass
HSUPA Band 4	LCH	23.09	-2.9	20.19	0.104	1.00	Pass
	MCH	23.05	-2.9	20.15	0.104	1.00	Pass
	HCH	23.15	-2.9	20.25	0.106	1.00	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	24.42	-5.65	-7.80	16.62	0.046	7.00	Pass
	MCH	24.26	-5.65	-7.80	16.46	0.044	7.00	Pass
	HCH	23.92	-5.65	-7.80	16.12	0.041	7.00	Pass
HSDPA Band 5	LCH	23.41	-5.65	-7.80	15.61	0.036	7.00	Pass
	MCH	23.27	-5.65	-7.80	15.47	0.035	7.00	Pass
	HCH	22.58	-5.65	-7.80	14.78	0.030	7.00	Pass
HSUPA Band 5	LCH	23.49	-5.65	-7.80	15.69	0.037	7.00	Pass
	MCH	23.31	-5.65	-7.80	15.51	0.036	7.00	Pass
	HCH	23.13	-5.65	-7.80	15.33	0.034	7.00	Pass

Note 1: For the HSDPA and HSUPA mode, all subtests were tested and just the worst data were recorded in this table.

Note 2: $ERP/EIRP = P_{Meas} + GT - LC$

$ERP/EIRP$ = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

$ERP = EIRP - 2.15$; where ERP and EIRP are expressed in consistent units.

HSDPA Conducted Output Power

Band	Channel	Conducted Output Average Power							
		Subtest1		Subtest2		Subtest3		Subtest4	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSDPA Band 2	LCH	23.06	0.202	23.02	0.200	22.56	0.180	22.46	0.176
	MCH	23.02	0.200	22.99	0.199	22.49	0.177	22.52	0.179
	HCH	22.95	0.197	22.96	0.198	22.47	0.177	22.42	0.175
HSDPA Band 4	LCH	23.04	0.201	22.99	0.199	22.43	0.175	22.28	0.169
	MCH	22.95	0.197	22.96	0.198	22.46	0.176	22.43	0.175
	HCH	22.96	0.198	22.95	0.197	22.44	0.175	22.44	0.175
HSDPA Band 5	LCH	23.40	0.219	23.41	0.219	22.91	0.195	22.90	0.195
	MCH	23.27	0.212	23.26	0.212	22.77	0.189	22.77	0.189
	HCH	22.54	0.179	22.58	0.181	22.06	0.161	22.05	0.160

HSUPA Conducted Output Power

Band	Channel	Conducted Output Average Power									
		Subtest1		Subtest2		Subtest3		Subtest4		Subtest5	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSUPA Band 2	LCH	23.10	0.204	21.15	0.130	22.08	0.161	21.12	0.129	23.11	0.205
	MCH	23.16	0.207	21.18	0.131	22.11	0.163	21.15	0.130	23.21	0.209
	HCH	23.11	0.205	21.07	0.128	22.12	0.163	21.06	0.128	23.18	0.208
HSUPA Band 4	LCH	23.01	0.200	21.08	0.128	22.04	0.160	21.08	0.128	23.09	0.204
	MCH	23.03	0.201	20.99	0.126	22.16	0.164	21.01	0.126	23.05	0.202
	HCH	23.12	0.205	21.08	0.128	22.09	0.162	21.11	0.129	23.15	0.207
HSUPA Band 5	LCH	23.49	0.223	21.42	0.139	22.49	0.177	21.47	0.140	23.49	0.223
	MCH	23.31	0.214	21.34	0.136	22.24	0.167	21.34	0.136	23.28	0.213
	HCH	22.89	0.195	20.85	0.122	21.87	0.154	20.80	0.120	23.13	0.206

LTE Mode Test Data

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
1.4 MHz	LCH	QPSK	RB1#0	23.82	-0.6	23.22	0.210	2.00	Pass
			RB1#3	24.08	-0.6	23.48	0.223	2.00	Pass
			RB1#5	24.03	-0.6	23.43	0.220	2.00	Pass
			RB3#0	23.97	-0.6	23.37	0.217	2.00	Pass
			RB3#2	24.05	-0.6	23.45	0.221	2.00	Pass
			RB3#3	24.05	-0.6	23.45	0.221	2.00	Pass
			RB6#0	22.94	-0.6	22.34	0.171	2.00	Pass
		16-QAM	RB1#0	22.97	-0.6	22.37	0.173	2.00	Pass
			RB1#3	22.98	-0.6	22.38	0.173	2.00	Pass
			RB1#5	23.14	-0.6	22.54	0.179	2.00	Pass
			RB3#0	23.24	-0.6	22.64	0.184	2.00	Pass
			RB3#2	23.19	-0.6	22.59	0.182	2.00	Pass
			RB3#3	23.21	-0.6	22.61	0.182	2.00	Pass
			RB6#0	22.1	-0.6	21.50	0.141	2.00	Pass
	MCH	QPSK	RB1#0	23.96	-0.6	23.36	0.217	2.00	Pass
			RB1#3	24.05	-0.6	23.45	0.221	2.00	Pass
			RB1#5	23.9	-0.6	23.30	0.214	2.00	Pass
			RB3#0	23.95	-0.6	23.35	0.216	2.00	Pass
			RB3#2	23.96	-0.6	23.36	0.217	2.00	Pass
			RB3#3	23.93	-0.6	23.33	0.215	2.00	Pass
			RB6#0	22.96	-0.6	22.36	0.172	2.00	Pass
		16-QAM	RB1#0	22.96	-0.6	22.36	0.172	2.00	Pass
			RB1#3	23.13	-0.6	22.53	0.179	2.00	Pass
			RB1#5	23	-0.6	22.40	0.174	2.00	Pass
			RB3#0	23.01	-0.6	22.41	0.174	2.00	Pass
			RB3#2	23	-0.6	22.40	0.174	2.00	Pass
			RB3#3	22.99	-0.6	22.39	0.173	2.00	Pass
			RB6#0	22.1	-0.6	21.50	0.141	2.00	Pass
	HCH	QPSK	RB1#0	23.89	-0.6	23.29	0.213	2.00	Pass
			RB1#3	24	-0.6	23.40	0.219	2.00	Pass
			RB1#5	23.93	-0.6	23.33	0.215	2.00	Pass
			RB3#0	24.01	-0.6	23.41	0.219	2.00	Pass
			RB3#2	24.07	-0.6	23.47	0.222	2.00	Pass
			RB3#3	24.04	-0.6	23.44	0.221	2.00	Pass
			RB6#0	22.98	-0.6	22.38	0.173	2.00	Pass
		16-QAM	RB1#0	23.5	-0.6	22.90	0.195	2.00	Pass
			RB1#3	23.46	-0.6	22.86	0.193	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
3 MHz			RB1#5	23.51	-0.6	22.91	0.195	2.00	Pass
			RB3#0	23.19	-0.6	22.59	0.182	2.00	Pass
			RB3#2	23.29	-0.6	22.69	0.186	2.00	Pass
			RB3#3	23.09	-0.6	22.49	0.177	2.00	Pass
			RB6#0	21.87	-0.6	21.27	0.134	2.00	Pass
	LCH	QPSK	RB1#0	24.07	-0.6	23.47	0.222	2.00	Pass
			RB1#7	24.07	-0.6	23.47	0.222	2.00	Pass
			RB1#14	24.03	-0.6	23.43	0.220	2.00	Pass
			RB8#0	23.06	-0.6	22.46	0.176	2.00	Pass
			RB8#4	23.06	-0.6	22.46	0.176	2.00	Pass
			RB8#7	23	-0.6	22.40	0.174	2.00	Pass
			RB15#0	23.05	-0.6	22.45	0.176	2.00	Pass
		16-QAM	RB1#0	22.98	-0.6	22.38	0.173	2.00	Pass
			RB1#7	22.92	-0.6	22.32	0.171	2.00	Pass
			RB1#14	22.95	-0.6	22.35	0.172	2.00	Pass
			RB8#0	22.13	-0.6	21.53	0.142	2.00	Pass
			RB8#4	22.11	-0.6	21.51	0.142	2.00	Pass
			RB8#7	22.1	-0.6	21.50	0.141	2.00	Pass
			RB15#0	22.08	-0.6	21.48	0.141	2.00	Pass
	MCH	QPSK	RB1#0	24.1	-0.6	23.50	0.224	2.00	Pass
			RB1#7	24.13	-0.6	23.53	0.225	2.00	Pass
			RB1#14	24.07	-0.6	23.47	0.222	2.00	Pass
			RB8#0	23.06	-0.6	22.46	0.176	2.00	Pass
			RB8#4	23.04	-0.6	22.44	0.175	2.00	Pass
			RB8#7	23.01	-0.6	22.41	0.174	2.00	Pass
			RB15#0	23.04	-0.6	22.44	0.175	2.00	Pass
		16-QAM	RB1#0	23.5	-0.6	22.90	0.195	2.00	Pass
			RB1#7	23.32	-0.6	22.72	0.187	2.00	Pass
			RB1#14	23.41	-0.6	22.81	0.191	2.00	Pass
			RB8#0	22.09	-0.6	21.49	0.141	2.00	Pass
			RB8#4	22.08	-0.6	21.48	0.141	2.00	Pass
			RB8#7	22.11	-0.6	21.51	0.142	2.00	Pass
			RB15#0	22.02	-0.6	21.42	0.139	2.00	Pass
	HCH	QPSK	RB1#0	23.94	-0.6	23.34	0.216	2.00	Pass
			RB1#7	24.1	-0.6	23.50	0.224	2.00	Pass
			RB1#14	23.92	-0.6	23.32	0.215	2.00	Pass
			RB8#0	23.05	-0.6	22.45	0.176	2.00	Pass
			RB8#4	23.02	-0.6	22.42	0.175	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB8#7	23.01	-0.6	22.41	0.174	2.00	Pass
			RB15#0	23.04	-0.6	22.44	0.175	2.00	Pass
		16-QAM	RB1#0	23.04	-0.6	22.44	0.175	2.00	Pass
			RB1#7	22.97	-0.6	22.37	0.173	2.00	Pass
			RB1#14	22.94	-0.6	22.34	0.171	2.00	Pass
			RB8#0	22.09	-0.6	21.49	0.141	2.00	Pass
			RB8#4	22.08	-0.6	21.48	0.141	2.00	Pass
			RB8#7	22.04	-0.6	21.44	0.139	2.00	Pass
			RB15#0	21.99	-0.6	21.39	0.138	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	24.24	-0.6	23.64	0.231	2.00	Pass
			RB1#13	24.17	-0.6	23.57	0.228	2.00	Pass
			RB1#24	24.04	-0.6	23.44	0.221	2.00	Pass
			RB12#0	23.11	-0.6	22.51	0.178	2.00	Pass
			RB12#6	23.11	-0.6	22.51	0.178	2.00	Pass
			RB12#13	23.1	-0.6	22.50	0.178	2.00	Pass
			RB25#0	23.08	-0.6	22.48	0.177	2.00	Pass
		16-QAM	RB1#0	23.26	-0.6	22.66	0.185	2.00	Pass
			RB1#13	23.21	-0.6	22.61	0.182	2.00	Pass
			RB1#24	23.17	-0.6	22.57	0.181	2.00	Pass
			RB12#0	22.14	-0.6	21.54	0.143	2.00	Pass
			RB12#6	22.14	-0.6	21.54	0.143	2.00	Pass
			RB12#13	22.13	-0.6	21.53	0.142	2.00	Pass
			RB25#0	22.08	-0.6	21.48	0.141	2.00	Pass
	MCH	QPSK	RB1#0	24.17	-0.6	23.57	0.228	2.00	Pass
			RB1#13	24.06	-0.6	23.46	0.222	2.00	Pass
			RB1#24	24.03	-0.6	23.43	0.220	2.00	Pass
			RB12#0	23.1	-0.6	22.50	0.178	2.00	Pass
			RB12#6	23.1	-0.6	22.50	0.178	2.00	Pass
			RB12#13	23.09	-0.6	22.49	0.177	2.00	Pass
			RB25#0	23.09	-0.6	22.49	0.177	2.00	Pass
		16-QAM	RB1#0	23.66	-0.6	23.06	0.202	2.00	Pass
			RB1#13	23.61	-0.6	23.01	0.200	2.00	Pass
			RB1#24	23.6	-0.6	23.00	0.200	2.00	Pass
			RB12#0	22.19	-0.6	21.59	0.144	2.00	Pass
			RB12#6	22.19	-0.6	21.59	0.144	2.00	Pass
			RB12#13	22.2	-0.6	21.60	0.145	2.00	Pass
			RB25#0	22.1	-0.6	21.50	0.141	2.00	Pass
	HCH	QPSK	RB1#0	24.1	-0.6	23.50	0.224	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#13	24	-0.6	23.40	0.219	2.00	Pass
			RB1#24	24	-0.6	23.40	0.219	2.00	Pass
			RB12#0	23.09	-0.6	22.49	0.177	2.00	Pass
			RB12#6	23.08	-0.6	22.48	0.177	2.00	Pass
			RB12#13	23.01	-0.6	22.41	0.174	2.00	Pass
			RB25#0	23.08	-0.6	22.48	0.177	2.00	Pass
		16-QAM	RB1#0	23.1	-0.6	22.50	0.178	2.00	Pass
			RB1#13	23.19	-0.6	22.59	0.182	2.00	Pass
			RB1#24	23.13	-0.6	22.53	0.179	2.00	Pass
			RB12#0	22.17	-0.6	21.57	0.144	2.00	Pass
			RB12#6	22.12	-0.6	21.52	0.142	2.00	Pass
			RB12#13	22.1	-0.6	21.50	0.141	2.00	Pass
			RB25#0	22.04	-0.6	21.44	0.139	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.23	-0.6	23.63	0.231	2.00	Pass
			RB1#25	24.06	-0.6	23.46	0.222	2.00	Pass
			RB1#49	24.15	-0.6	23.55	0.226	2.00	Pass
			RB25#0	23.16	-0.6	22.56	0.180	2.00	Pass
			RB25#13	23.04	-0.6	22.44	0.175	2.00	Pass
			RB25#25	23.05	-0.6	22.45	0.176	2.00	Pass
			RB50#0	23.15	-0.6	22.55	0.180	2.00	Pass
		16-QAM	RB1#0	23.08	-0.6	22.48	0.177	2.00	Pass
			RB1#25	22.94	-0.6	22.34	0.171	2.00	Pass
			RB1#49	23.02	-0.6	22.42	0.175	2.00	Pass
			RB25#0	22.14	-0.6	21.54	0.143	2.00	Pass
			RB25#13	22.03	-0.6	21.43	0.139	2.00	Pass
			RB25#25	22.02	-0.6	21.42	0.139	2.00	Pass
			RB50#0	22.12	-0.6	21.52	0.142	2.00	Pass
	MCH	QPSK	RB1#0	24.24	-0.6	23.64	0.231	2.00	Pass
			RB1#25	24.04	-0.6	23.44	0.221	2.00	Pass
			RB1#49	24.07	-0.6	23.47	0.222	2.00	Pass
			RB25#0	23.05	-0.6	22.45	0.176	2.00	Pass
			RB25#13	23.07	-0.6	22.47	0.177	2.00	Pass
			RB25#25	23.1	-0.6	22.50	0.178	2.00	Pass
			RB50#0	23.09	-0.6	22.49	0.177	2.00	Pass
		16-QAM	RB1#0	23.61	-0.6	23.01	0.200	2.00	Pass
			RB1#25	23.51	-0.6	22.91	0.195	2.00	Pass
			RB1#49	23.51	-0.6	22.91	0.195	2.00	Pass
			RB25#0	22.08	-0.6	21.48	0.141	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
15 MHz	HCH		RB25#13	22.07	-0.6	21.47	0.140	2.00	Pass
			RB25#25	22.09	-0.6	21.49	0.141	2.00	Pass
			RB50#0	22.06	-0.6	21.46	0.140	2.00	Pass
		QPSK	RB1#0	24.28	-0.6	23.68	0.233	2.00	Pass
			RB1#25	24.09	-0.6	23.49	0.223	2.00	Pass
			RB1#49	24.06	-0.6	23.46	0.222	2.00	Pass
			RB25#0	23.12	-0.6	22.52	0.179	2.00	Pass
			RB25#13	22.99	-0.6	22.39	0.173	2.00	Pass
			RB25#25	22.98	-0.6	22.38	0.173	2.00	Pass
			RB50#0	23.09	-0.6	22.49	0.177	2.00	Pass
		16-QAM	RB1#0	23.21	-0.6	22.61	0.182	2.00	Pass
			RB1#25	23.1	-0.6	22.50	0.178	2.00	Pass
			RB1#49	22.95	-0.6	22.35	0.172	2.00	Pass
			RB25#0	22.21	-0.6	21.61	0.145	2.00	Pass
			RB25#13	22.08	-0.6	21.48	0.141	2.00	Pass
			RB25#25	22.05	-0.6	21.45	0.140	2.00	Pass
			RB50#0	22.13	-0.6	21.53	0.142	2.00	Pass
	LCH	QPSK	RB1#0	23.88	-0.6	23.28	0.213	2.00	Pass
			RB1#38	23.91	-0.6	23.31	0.214	2.00	Pass
			RB1#74	24.49	-0.6	23.89	0.245	2.00	Pass
			RB36#0	22.78	-0.6	22.18	0.165	2.00	Pass
			RB36#19	23.02	-0.6	22.42	0.175	2.00	Pass
			RB36#39	23.12	-0.6	22.52	0.179	2.00	Pass
			RB75#0	22.97	-0.6	22.37	0.173	2.00	Pass
		16-QAM	RB1#0	22.73	-0.6	22.13	0.163	2.00	Pass
			RB1#38	22.83	-0.6	22.23	0.167	2.00	Pass
			RB1#74	23.41	-0.6	22.81	0.191	2.00	Pass
			RB36#0	21.74	-0.6	21.14	0.130	2.00	Pass
			RB36#19	21.96	-0.6	21.36	0.137	2.00	Pass
			RB36#39	22.1	-0.6	21.50	0.141	2.00	Pass
			RB75#0	21.95	-0.6	21.35	0.136	2.00	Pass
	MCH	QPSK	RB1#0	23.72	-0.6	23.12	0.205	2.00	Pass
			RB1#38	23.79	-0.6	23.19	0.208	2.00	Pass
			RB1#74	24.32	-0.6	23.72	0.236	2.00	Pass
			RB36#0	22.75	-0.6	22.15	0.164	2.00	Pass
			RB36#19	22.88	-0.6	22.28	0.169	2.00	Pass
			RB36#39	23.13	-0.6	22.53	0.179	2.00	Pass
			RB75#0	22.91	-0.6	22.31	0.170	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
20 MHz	HCH	16-QAM	RB1#0	23.07	-0.6	22.47	0.177	2.00	Pass
			RB1#38	23.15	-0.6	22.55	0.180	2.00	Pass
			RB1#74	23.75	-0.6	23.15	0.207	2.00	Pass
			RB36#0	21.8	-0.6	21.20	0.132	2.00	Pass
			RB36#19	21.92	-0.6	21.32	0.136	2.00	Pass
			RB36#39	22.18	-0.6	21.58	0.144	2.00	Pass
			RB75#0	21.88	-0.6	21.28	0.134	2.00	Pass
		QPSK	RB1#0	23.85	-0.6	23.25	0.211	2.00	Pass
			RB1#38	23.71	-0.6	23.11	0.205	2.00	Pass
			RB1#74	24.26	-0.6	23.66	0.232	2.00	Pass
			RB36#0	22.74	-0.6	22.14	0.164	2.00	Pass
			RB36#19	22.93	-0.6	22.33	0.171	2.00	Pass
			RB36#39	23.16	-0.6	22.56	0.180	2.00	Pass
			RB75#0	22.95	-0.6	22.35	0.172	2.00	Pass
		16-QAM	RB1#0	23.29	-0.6	22.69	0.186	2.00	Pass
			RB1#38	23.22	-0.6	22.62	0.183	2.00	Pass
			RB1#74	23.7	-0.6	23.10	0.204	2.00	Pass
			RB36#0	21.71	-0.6	21.11	0.129	2.00	Pass
			RB36#19	21.93	-0.6	21.33	0.136	2.00	Pass
			RB36#39	22.19	-0.6	21.59	0.144	2.00	Pass
			RB75#0	21.89	-0.6	21.29	0.135	2.00	Pass
	LCH	QPSK	RB1#0	24.3	-0.6	23.70	0.234	2.00	Pass
			RB1#50	24	-0.6	23.40	0.219	2.00	Pass
			RB1#99	23.98	-0.6	23.38	0.218	2.00	Pass
			RB50#0	23.03	-0.6	22.43	0.175	2.00	Pass
			RB50#25	22.97	-0.6	22.37	0.173	2.00	Pass
			RB50#50	22.84	-0.6	22.24	0.167	2.00	Pass
			RB100#0	22.94	-0.6	22.34	0.171	2.00	Pass
		16-QAM	RB1#0	23.81	-0.6	23.21	0.209	2.00	Pass
			RB1#50	23.35	-0.6	22.75	0.188	2.00	Pass
			RB1#99	23.38	-0.6	22.78	0.190	2.00	Pass
			RB50#0	22.04	-0.6	21.44	0.139	2.00	Pass
			RB50#25	21.96	-0.6	21.36	0.137	2.00	Pass
			RB50#50	21.84	-0.6	21.24	0.133	2.00	Pass
			RB100#0	21.94	-0.6	21.34	0.136	2.00	Pass
	MCH	QPSK	RB1#0	24.38	-0.6	23.78	0.239	2.00	Pass
			RB1#50	24.05	-0.6	23.45	0.221	2.00	Pass
			RB1#99	23.97	-0.6	23.37	0.217	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB50#0	22.95	-0.6	22.35	0.172	2.00	Pass
			RB50#25	22.97	-0.6	22.37	0.173	2.00	Pass
			RB50#50	22.93	-0.6	22.33	0.171	2.00	Pass
			RB100#0	22.92	-0.6	22.32	0.171	2.00	Pass
		16-QAM	RB1#0	23.7	-0.6	23.10	0.204	2.00	Pass
			RB1#50	23.37	-0.6	22.77	0.189	2.00	Pass
			RB1#99	23.37	-0.6	22.77	0.189	2.00	Pass
			RB50#0	21.94	-0.6	21.34	0.136	2.00	Pass
			RB50#25	22.01	-0.6	21.41	0.138	2.00	Pass
			RB50#50	21.95	-0.6	21.35	0.136	2.00	Pass
			RB100#0	21.92	-0.6	21.32	0.136	2.00	Pass
	HCH	QPSK	RB1#0	24.27	-0.6	23.67	0.233	2.00	Pass
			RB1#50	23.99	-0.6	23.39	0.218	2.00	Pass
			RB1#99	23.91	-0.6	23.31	0.214	2.00	Pass
			RB50#0	23.13	-0.6	22.53	0.179	2.00	Pass
			RB50#25	23.08	-0.6	22.48	0.177	2.00	Pass
			RB50#50	22.95	-0.6	22.35	0.172	2.00	Pass
			RB100#0	23.06	-0.6	22.46	0.176	2.00	Pass
		16-QAM	RB1#0	23.61	-0.6	23.01	0.200	2.00	Pass
			RB1#50	23.34	-0.6	22.74	0.188	2.00	Pass
			RB1#99	23.35	-0.6	22.75	0.188	2.00	Pass
			RB50#0	22.08	-0.6	21.48	0.141	2.00	Pass
			RB50#25	22.03	-0.6	21.43	0.139	2.00	Pass
			RB50#50	21.88	-0.6	21.28	0.134	2.00	Pass
			RB100#0	22.02	-0.6	21.42	0.139	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
1.4 MHz	LCH	QPSK	RB1#0	23.57	-2.9	20.67	0.117	1.000	Pass
			RB1#3	23.59	-2.9	20.69	0.117	1.000	Pass
			RB1#5	23.57	-2.9	20.67	0.117	1.000	Pass
			RB3#0	23.6	-2.9	20.70	0.117	1.000	Pass
			RB3#2	23.65	-2.9	20.75	0.119	1.000	Pass
			RB3#3	23.54	-2.9	20.64	0.116	1.000	Pass
			RB6#0	22.57	-2.9	19.67	0.093	1.000	Pass
		16-QAM	RB1#0	22.61	-2.9	19.71	0.094	1.000	Pass
			RB1#3	22.67	-2.9	19.77	0.095	1.000	Pass
			RB1#5	22.69	-2.9	19.79	0.095	1.000	Pass
			RB3#0	22.85	-2.9	19.95	0.099	1.000	Pass
			RB3#2	22.83	-2.9	19.93	0.098	1.000	Pass
			RB3#3	22.71	-2.9	19.81	0.096	1.000	Pass
			RB6#0	21.76	-2.9	18.86	0.077	1.000	Pass
	MCH	QPSK	RB1#0	23.89	-2.9	20.99	0.126	1.000	Pass
			RB1#3	23.84	-2.9	20.94	0.124	1.000	Pass
			RB1#5	23.8	-2.9	20.90	0.123	1.000	Pass
			RB3#0	23.74	-2.9	20.84	0.121	1.000	Pass
			RB3#2	23.75	-2.9	20.85	0.122	1.000	Pass
			RB3#3	23.75	-2.9	20.85	0.122	1.000	Pass
			RB6#0	22.73	-2.9	19.83	0.096	1.000	Pass
		16-QAM	RB1#0	23.03	-2.9	20.13	0.103	1.000	Pass
			RB1#3	23.03	-2.9	20.13	0.103	1.000	Pass
			RB1#5	22.92	-2.9	20.02	0.100	1.000	Pass
			RB3#0	22.77	-2.9	19.87	0.097	1.000	Pass
			RB3#2	22.77	-2.9	19.87	0.097	1.000	Pass
			RB3#3	22.76	-2.9	19.86	0.097	1.000	Pass
			RB6#0	21.92	-2.9	19.02	0.080	1.000	Pass
	HCH	QPSK	RB1#0	23.78	-2.9	20.88	0.122	1.000	Pass
			RB1#3	23.9	-2.9	21.00	0.126	1.000	Pass
			RB1#5	23.8	-2.9	20.90	0.123	1.000	Pass
			RB3#0	23.78	-2.9	20.88	0.122	1.000	Pass
			RB3#2	23.79	-2.9	20.89	0.123	1.000	Pass
			RB3#3	23.77	-2.9	20.87	0.122	1.000	Pass
			RB6#0	22.79	-2.9	19.89	0.097	1.000	Pass
		16-QAM	RB1#0	23.18	-2.9	20.28	0.107	1.000	Pass
			RB1#3	23.25	-2.9	20.35	0.108	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
3 MHz			RB1#5	23.23	-2.9	20.33	0.108	1.000	Pass
			RB3#0	22.93	-2.9	20.03	0.101	1.000	Pass
			RB3#2	23.02	-2.9	20.12	0.103	1.000	Pass
			RB3#3	23.04	-2.9	20.14	0.103	1.000	Pass
			RB6#0	21.71	-2.9	18.81	0.076	1.000	Pass
	LCH	QPSK	RB1#0	23.77	-2.9	20.87	0.122	1.000	Pass
			RB1#7	23.71	-2.9	20.81	0.121	1.000	Pass
			RB1#14	23.6	-2.9	20.70	0.117	1.000	Pass
			RB8#0	22.68	-2.9	19.78	0.095	1.000	Pass
			RB8#4	22.67	-2.9	19.77	0.095	1.000	Pass
			RB8#7	22.62	-2.9	19.72	0.094	1.000	Pass
			RB15#0	22.61	-2.9	19.71	0.094	1.000	Pass
		16-QAM	RB1#0	22.89	-2.9	19.99	0.100	1.000	Pass
			RB1#7	22.69	-2.9	19.79	0.095	1.000	Pass
			RB1#14	22.64	-2.9	19.74	0.094	1.000	Pass
			RB8#0	21.67	-2.9	18.77	0.075	1.000	Pass
			RB8#4	21.7	-2.9	18.80	0.076	1.000	Pass
			RB8#7	21.63	-2.9	18.73	0.075	1.000	Pass
			RB15#0	21.61	-2.9	18.71	0.074	1.000	Pass
	MCH	QPSK	RB1#0	23.87	-2.9	20.97	0.125	1.000	Pass
			RB1#7	23.89	-2.9	20.99	0.126	1.000	Pass
			RB1#14	23.87	-2.9	20.97	0.125	1.000	Pass
			RB8#0	22.83	-2.9	19.93	0.098	1.000	Pass
			RB8#4	22.84	-2.9	19.94	0.099	1.000	Pass
			RB8#7	22.79	-2.9	19.89	0.097	1.000	Pass
			RB15#0	22.82	-2.9	19.92	0.098	1.000	Pass
		16-QAM	RB1#0	22.93	-2.9	20.03	0.101	1.000	Pass
			RB1#7	23.04	-2.9	20.14	0.103	1.000	Pass
			RB1#14	22.85	-2.9	19.95	0.099	1.000	Pass
			RB8#0	21.93	-2.9	19.03	0.080	1.000	Pass
			RB8#4	21.9	-2.9	19.00	0.079	1.000	Pass
			RB8#7	21.89	-2.9	18.99	0.079	1.000	Pass
			RB15#0	21.8	-2.9	18.90	0.078	1.000	Pass
	HCH	QPSK	RB1#0	23.88	-2.9	20.98	0.125	1.000	Pass
			RB1#7	23.88	-2.9	20.98	0.125	1.000	Pass
			RB1#14	23.8	-2.9	20.90	0.123	1.000	Pass
			RB8#0	22.85	-2.9	19.95	0.099	1.000	Pass
			RB8#4	22.8	-2.9	19.90	0.098	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
			RB8#7	22.79	-2.9	19.89	0.097	1.000	Pass
			RB15#0	22.82	-2.9	19.92	0.098	1.000	Pass
		16-QAM	RB1#0	23.25	-2.9	20.35	0.108	1.000	Pass
			RB1#7	23.28	-2.9	20.38	0.109	1.000	Pass
			RB1#14	23.23	-2.9	20.33	0.108	1.000	Pass
			RB8#0	21.92	-2.9	19.02	0.080	1.000	Pass
			RB8#4	21.92	-2.9	19.02	0.080	1.000	Pass
			RB8#7	21.91	-2.9	19.01	0.080	1.000	Pass
			RB15#0	21.81	-2.9	18.91	0.078	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	23.82	-2.9	20.92	0.124	1.000	Pass
			RB1#13	23.68	-2.9	20.78	0.120	1.000	Pass
			RB1#24	23.59	-2.9	20.69	0.117	1.000	Pass
			RB12#0	22.65	-2.9	19.75	0.094	1.000	Pass
			RB12#6	22.61	-2.9	19.71	0.094	1.000	Pass
			RB12#13	22.6	-2.9	19.70	0.093	1.000	Pass
			RB25#0	22.59	-2.9	19.69	0.093	1.000	Pass
		16-QAM	RB1#0	22.94	-2.9	20.04	0.101	1.000	Pass
			RB1#13	22.86	-2.9	19.96	0.099	1.000	Pass
			RB1#24	22.79	-2.9	19.89	0.097	1.000	Pass
			RB12#0	21.72	-2.9	18.82	0.076	1.000	Pass
			RB12#6	21.66	-2.9	18.76	0.075	1.000	Pass
			RB12#13	21.63	-2.9	18.73	0.075	1.000	Pass
			RB25#0	21.65	-2.9	18.75	0.075	1.000	Pass
	MCH	QPSK	RB1#0	24.01	-2.9	21.11	0.129	1.000	Pass
			RB1#13	23.91	-2.9	21.01	0.126	1.000	Pass
			RB1#24	23.78	-2.9	20.88	0.122	1.000	Pass
			RB12#0	22.84	-2.9	19.94	0.099	1.000	Pass
			RB12#6	22.81	-2.9	19.91	0.098	1.000	Pass
			RB12#13	22.79	-2.9	19.89	0.097	1.000	Pass
			RB25#0	22.82	-2.9	19.92	0.098	1.000	Pass
		16-QAM	RB1#0	23.36	-2.9	20.46	0.111	1.000	Pass
			RB1#13	23.36	-2.9	20.46	0.111	1.000	Pass
			RB1#24	23.27	-2.9	20.37	0.109	1.000	Pass
			RB12#0	21.93	-2.9	19.03	0.080	1.000	Pass
			RB12#6	21.89	-2.9	18.99	0.079	1.000	Pass
			RB12#13	21.9	-2.9	19.00	0.079	1.000	Pass
			RB25#0	21.88	-2.9	18.98	0.079	1.000	Pass
	HCH	QPSK	RB1#0	24.03	-2.9	21.13	0.130	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
			RB1#13	23.83	-2.9	20.93	0.124	1.000	Pass
			RB1#24	23.81	-2.9	20.91	0.123	1.000	Pass
			RB12#0	22.84	-2.9	19.94	0.099	1.000	Pass
			RB12#6	22.8	-2.9	19.90	0.098	1.000	Pass
			RB12#13	22.79	-2.9	19.89	0.097	1.000	Pass
			RB25#0	22.81	-2.9	19.91	0.098	1.000	Pass
		16-QAM	RB1#0	23.06	-2.9	20.16	0.104	1.000	Pass
			RB1#13	22.98	-2.9	20.08	0.102	1.000	Pass
			RB1#24	22.87	-2.9	19.97	0.099	1.000	Pass
			RB12#0	21.88	-2.9	18.98	0.079	1.000	Pass
			RB12#6	21.86	-2.9	18.96	0.079	1.000	Pass
			RB12#13	21.84	-2.9	18.94	0.078	1.000	Pass
			RB25#0	21.74	-2.9	18.84	0.077	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	23.85	-2.9	20.95	0.124	1.000	Pass
			RB1#25	23.65	-2.9	20.75	0.119	1.000	Pass
			RB1#49	23.79	-2.9	20.89	0.123	1.000	Pass
			RB25#0	22.65	-2.9	19.75	0.094	1.000	Pass
			RB25#13	22.63	-2.9	19.73	0.094	1.000	Pass
			RB25#25	22.68	-2.9	19.78	0.095	1.000	Pass
			RB50#0	22.62	-2.9	19.72	0.094	1.000	Pass
		16-QAM	RB1#0	22.88	-2.9	19.98	0.100	1.000	Pass
			RB1#25	22.68	-2.9	19.78	0.095	1.000	Pass
			RB1#49	22.81	-2.9	19.91	0.098	1.000	Pass
			RB25#0	21.71	-2.9	18.81	0.076	1.000	Pass
			RB25#13	21.67	-2.9	18.77	0.075	1.000	Pass
			RB25#25	21.73	-2.9	18.83	0.076	1.000	Pass
			RB50#0	21.61	-2.9	18.71	0.074	1.000	Pass
	MCH	QPSK	RB1#0	24.07	-2.9	21.17	0.131	1.000	Pass
			RB1#25	23.82	-2.9	20.92	0.124	1.000	Pass
			RB1#49	23.84	-2.9	20.94	0.124	1.000	Pass
			RB25#0	22.83	-2.9	19.93	0.098	1.000	Pass
			RB25#13	22.86	-2.9	19.96	0.099	1.000	Pass
			RB25#25	22.83	-2.9	19.93	0.098	1.000	Pass
			RB50#0	22.84	-2.9	19.94	0.099	1.000	Pass
		16-QAM	RB1#0	23.08	-2.9	20.18	0.104	1.000	Pass
			RB1#25	22.95	-2.9	20.05	0.101	1.000	Pass
			RB1#49	22.95	-2.9	20.05	0.101	1.000	Pass
			RB25#0	21.84	-2.9	18.94	0.078	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
15 MHz	HCH		RB25#13	21.86	-2.9	18.96	0.079	1.000	Pass
			RB25#25	21.83	-2.9	18.93	0.078	1.000	Pass
			RB50#0	21.78	-2.9	18.88	0.077	1.000	Pass
		QPSK	RB1#0	24.02	-2.9	21.12	0.129	1.000	Pass
			RB1#25	23.81	-2.9	20.91	0.123	1.000	Pass
			RB1#49	23.89	-2.9	20.99	0.126	1.000	Pass
			RB25#0	22.87	-2.9	19.97	0.099	1.000	Pass
			RB25#13	22.87	-2.9	19.97	0.099	1.000	Pass
			RB25#25	22.81	-2.9	19.91	0.098	1.000	Pass
			RB50#0	22.9	-2.9	20.00	0.100	1.000	Pass
		16-QAM	RB1#0	23.4	-2.9	20.50	0.112	1.000	Pass
			RB1#25	23.24	-2.9	20.34	0.108	1.000	Pass
			RB1#49	23.29	-2.9	20.39	0.109	1.000	Pass
			RB25#0	21.91	-2.9	19.01	0.080	1.000	Pass
			RB25#13	21.92	-2.9	19.02	0.080	1.000	Pass
			RB25#25	21.85	-2.9	18.95	0.079	1.000	Pass
			RB50#0	21.88	-2.9	18.98	0.079	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	24.23	-2.9	21.33	0.136	1.000	Pass
			RB1#38	23.93	-2.9	21.03	0.127	1.000	Pass
			RB1#74	23.46	-2.9	20.56	0.114	1.000	Pass
			RB36#0	22.99	-2.9	20.09	0.102	1.000	Pass
			RB36#19	22.98	-2.9	20.08	0.102	1.000	Pass
			RB36#39	22.74	-2.9	19.84	0.096	1.000	Pass
			RB75#0	22.94	-2.9	20.04	0.101	1.000	Pass
		16-QAM	RB1#0	23.14	-2.9	20.24	0.106	1.000	Pass
			RB1#38	22.84	-2.9	19.94	0.099	1.000	Pass
			RB1#74	22.35	-2.9	19.45	0.088	1.000	Pass
			RB36#0	22.02	-2.9	19.12	0.082	1.000	Pass
			RB36#19	21.97	-2.9	19.07	0.081	1.000	Pass
			RB36#39	21.73	-2.9	18.83	0.076	1.000	Pass
			RB75#0	21.9	-2.9	19.00	0.079	1.000	Pass
	MCH	QPSK	RB1#0	24.35	-2.9	21.45	0.140	1.000	Pass
			RB1#38	24.08	-2.9	21.18	0.131	1.000	Pass
			RB1#74	23.49	-2.9	20.59	0.115	1.000	Pass
			RB36#0	23.14	-2.9	20.24	0.106	1.000	Pass
			RB36#19	23.02	-2.9	20.12	0.103	1.000	Pass
			RB36#39	22.81	-2.9	19.91	0.098	1.000	Pass
			RB75#0	22.96	-2.9	20.06	0.101	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
20 MHz	HCH	16-QAM	RB1#0	23.76	-2.9	20.86	0.122	1.000	Pass
			RB1#38	23.38	-2.9	20.48	0.112	1.000	Pass
			RB1#74	22.82	-2.9	19.92	0.098	1.000	Pass
			RB36#0	22.17	-2.9	19.27	0.085	1.000	Pass
			RB36#19	22.08	-2.9	19.18	0.083	1.000	Pass
			RB36#39	21.87	-2.9	18.97	0.079	1.000	Pass
			RB75#0	21.92	-2.9	19.02	0.080	1.000	Pass
		QPSK	RB1#0	24.16	-2.9	21.26	0.134	1.000	Pass
			RB1#38	23.88	-2.9	20.98	0.125	1.000	Pass
			RB1#74	23.36	-2.9	20.46	0.111	1.000	Pass
			RB36#0	22.96	-2.9	20.06	0.101	1.000	Pass
			RB36#19	22.86	-2.9	19.96	0.099	1.000	Pass
			RB36#39	22.6	-2.9	19.70	0.093	1.000	Pass
			RB75#0	22.8	-2.9	19.90	0.098	1.000	Pass
		16-QAM	RB1#0	23.73	-2.9	20.83	0.121	1.000	Pass
			RB1#38	23.38	-2.9	20.48	0.112	1.000	Pass
			RB1#74	22.79	-2.9	19.89	0.097	1.000	Pass
			RB36#0	21.9	-2.9	19.00	0.079	1.000	Pass
			RB36#19	21.84	-2.9	18.94	0.078	1.000	Pass
			RB36#39	21.58	-2.9	18.68	0.074	1.000	Pass
			RB75#0	21.8	-2.9	18.90	0.078	1.000	Pass
	LCH	QPSK	RB1#0	24.38	-2.9	21.48	0.141	1.000	Pass
			RB1#50	24.12	-2.9	21.22	0.132	1.000	Pass
			RB1#99	23.9	-2.9	21.00	0.126	1.000	Pass
			RB50#0	23.09	-2.9	20.19	0.104	1.000	Pass
			RB50#25	22.92	-2.9	20.02	0.100	1.000	Pass
			RB50#50	22.74	-2.9	19.84	0.096	1.000	Pass
			RB100#0	22.92	-2.9	20.02	0.100	1.000	Pass
		16-QAM	RB1#0	23.92	-2.9	21.02	0.126	1.000	Pass
			RB1#50	23.63	-2.9	20.73	0.118	1.000	Pass
			RB1#99	23.44	-2.9	20.54	0.113	1.000	Pass
			RB50#0	22.02	-2.9	19.12	0.082	1.000	Pass
			RB50#25	21.91	-2.9	19.01	0.080	1.000	Pass
			RB50#50	21.74	-2.9	18.84	0.077	1.000	Pass
			RB100#0	21.85	-2.9	18.95	0.079	1.000	Pass
	MCH	QPSK	RB1#0	24.36	-2.9	21.46	0.140	1.000	Pass
			RB1#50	24.07	-2.9	21.17	0.131	1.000	Pass
			RB1#99	23.76	-2.9	20.86	0.122	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
			RB50#0	23.07	-2.9	20.17	0.104	1.000	Pass
			RB50#25	22.95	-2.9	20.05	0.101	1.000	Pass
			RB50#50	22.76	-2.9	19.86	0.097	1.000	Pass
			RB100#0	22.93	-2.9	20.03	0.101	1.000	Pass
		16-QAM	RB1#0	23.81	-2.9	20.91	0.123	1.000	Pass
			RB1#50	23.58	-2.9	20.68	0.117	1.000	Pass
			RB1#99	23.27	-2.9	20.37	0.109	1.000	Pass
			RB50#0	22.06	-2.9	19.16	0.082	1.000	Pass
			RB50#25	21.94	-2.9	19.04	0.080	1.000	Pass
			RB50#50	21.74	-2.9	18.84	0.077	1.000	Pass
			RB100#0	21.92	-2.9	19.02	0.080	1.000	Pass
	HCH	QPSK	RB1#0	24.37	-2.9	21.47	0.140	1.000	Pass
			RB1#50	23.94	-2.9	21.04	0.127	1.000	Pass
			RB1#99	23.58	-2.9	20.68	0.117	1.000	Pass
			RB50#0	22.92	-2.9	20.02	0.100	1.000	Pass
			RB50#25	22.78	-2.9	19.88	0.097	1.000	Pass
			RB50#50	22.61	-2.9	19.71	0.094	1.000	Pass
			RB100#0	22.83	-2.9	19.93	0.098	1.000	Pass
		16-QAM	RB1#0	23.86	-2.9	20.96	0.125	1.000	Pass
			RB1#50	23.31	-2.9	20.41	0.110	1.000	Pass
			RB1#99	23	-2.9	20.10	0.102	1.000	Pass
			RB50#0	21.84	-2.9	18.94	0.078	1.000	Pass
			RB50#25	21.73	-2.9	18.83	0.076	1.000	Pass
			RB50#50	21.57	-2.9	18.67	0.074	1.000	Pass
			RB100#0	21.81	-2.9	18.91	0.078	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
1.4 MHz	LCH	QPSK	RB1#0	24.81	-5.65	-7.8	17.01	0.050	7.00	Pass
			RB1#3	24.85	-5.65	-7.8	17.05	0.051	7.00	Pass
			RB1#5	24.9	-5.65	-7.8	17.10	0.051	7.00	Pass
			RB3#0	24.84	-5.65	-7.8	17.04	0.051	7.00	Pass
			RB3#2	24.86	-5.65	-7.8	17.06	0.051	7.00	Pass
			RB3#3	24.83	-5.65	-7.8	17.03	0.050	7.00	Pass
			RB6#0	23.82	-5.65	-7.8	16.02	0.040	7.00	Pass
		16-QAM	RB1#0	23.94	-5.65	-7.8	16.14	0.041	7.00	Pass
			RB1#3	24.18	-5.65	-7.8	16.38	0.043	7.00	Pass
			RB1#5	24.08	-5.65	-7.8	16.28	0.042	7.00	Pass
			RB3#0	23.8	-5.65	-7.8	16.00	0.040	7.00	Pass
			RB3#2	23.87	-5.65	-7.8	16.07	0.040	7.00	Pass
			RB3#3	23.84	-5.65	-7.8	16.04	0.040	7.00	Pass
			RB6#0	22.95	-5.65	-7.8	15.15	0.033	7.00	Pass
	MCH	QPSK	RB1#0	24.76	-5.65	-7.8	16.96	0.050	7.00	Pass
			RB1#3	24.84	-5.65	-7.8	17.04	0.051	7.00	Pass
			RB1#5	24.77	-5.65	-7.8	16.97	0.050	7.00	Pass
			RB3#0	24.7	-5.65	-7.8	16.90	0.049	7.00	Pass
			RB3#2	24.71	-5.65	-7.8	16.91	0.049	7.00	Pass
			RB3#3	24.71	-5.65	-7.8	16.91	0.049	7.00	Pass
			RB6#0	23.72	-5.65	-7.8	15.92	0.039	7.00	Pass
		16-QAM	RB1#0	24.1	-5.65	-7.8	16.30	0.043	7.00	Pass
			RB1#3	24.07	-5.65	-7.8	16.27	0.042	7.00	Pass
			RB1#5	24.03	-5.65	-7.8	16.23	0.042	7.00	Pass
			RB3#0	23.84	-5.65	-7.8	16.04	0.040	7.00	Pass
			RB3#2	23.88	-5.65	-7.8	16.08	0.041	7.00	Pass
			RB3#3	23.87	-5.65	-7.8	16.07	0.040	7.00	Pass
			RB6#0	22.63	-5.65	-7.8	14.83	0.030	7.00	Pass
	HCH	QPSK	RB1#0	24.53	-5.65	-7.8	16.73	0.047	7.00	Pass
			RB1#3	24.53	-5.65	-7.8	16.73	0.047	7.00	Pass
			RB1#5	24.43	-5.65	-7.8	16.63	0.046	7.00	Pass
			RB3#0	24.47	-5.65	-7.8	16.67	0.046	7.00	Pass
			RB3#2	24.44	-5.65	-7.8	16.64	0.046	7.00	Pass
			RB3#3	24.41	-5.65	-7.8	16.61	0.046	7.00	Pass
			RB6#0	23.46	-5.65	-7.8	15.66	0.037	7.00	Pass
		16-QAM	RB1#0	23.53	-5.65	-7.8	15.73	0.037	7.00	Pass
			RB1#3	23.52	-5.65	-7.8	15.72	0.037	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
3 MHz			RB1#5	23.48	-5.65	-7.8	15.68	0.037	7.00	Pass
			RB3#0	23.67	-5.65	-7.8	15.87	0.039	7.00	Pass
			RB3#2	23.72	-5.65	-7.8	15.92	0.039	7.00	Pass
			RB3#3	23.67	-5.65	-7.8	15.87	0.039	7.00	Pass
			RB6#0	22.6	-5.65	-7.8	14.80	0.030	7.00	Pass
	LCH	QPSK	RB1#0	24.9	-5.65	-7.8	17.10	0.051	7.00	Pass
			RB1#7	24.94	-5.65	-7.8	17.14	0.052	7.00	Pass
			RB1#14	24.78	-5.65	-7.8	16.98	0.050	7.00	Pass
			RB8#0	23.88	-5.65	-7.8	16.08	0.041	7.00	Pass
			RB8#4	23.88	-5.65	-7.8	16.08	0.041	7.00	Pass
			RB8#7	23.88	-5.65	-7.8	16.08	0.041	7.00	Pass
			RB15#0	23.84	-5.65	-7.8	16.04	0.040	7.00	Pass
		16-QAM	RB1#0	23.8	-5.65	-7.8	16.00	0.040	7.00	Pass
			RB1#7	23.97	-5.65	-7.8	16.17	0.041	7.00	Pass
			RB1#14	23.79	-5.65	-7.8	15.99	0.040	7.00	Pass
			RB8#0	22.91	-5.65	-7.8	15.11	0.032	7.00	Pass
			RB8#4	22.97	-5.65	-7.8	15.17	0.033	7.00	Pass
			RB8#7	22.95	-5.65	-7.8	15.15	0.033	7.00	Pass
			RB15#0	22.88	-5.65	-7.8	15.08	0.032	7.00	Pass
	MCH	QPSK	RB1#0	24.7	-5.65	-7.8	16.90	0.049	7.00	Pass
			RB1#7	24.78	-5.65	-7.8	16.98	0.050	7.00	Pass
			RB1#14	24.76	-5.65	-7.8	16.96	0.050	7.00	Pass
			RB8#0	23.77	-5.65	-7.8	15.97	0.040	7.00	Pass
			RB8#4	23.75	-5.65	-7.8	15.95	0.039	7.00	Pass
			RB8#7	23.69	-5.65	-7.8	15.89	0.039	7.00	Pass
			RB15#0	23.72	-5.65	-7.8	15.92	0.039	7.00	Pass
		16-QAM	RB1#0	24.06	-5.65	-7.8	16.26	0.042	7.00	Pass
			RB1#7	24.15	-5.65	-7.8	16.35	0.043	7.00	Pass
			RB1#14	24.12	-5.65	-7.8	16.32	0.043	7.00	Pass
			RB8#0	22.82	-5.65	-7.8	15.02	0.032	7.00	Pass
			RB8#4	22.8	-5.65	-7.8	15.00	0.032	7.00	Pass
			RB8#7	22.76	-5.65	-7.8	14.96	0.031	7.00	Pass
			RB15#0	22.74	-5.65	-7.8	14.94	0.031	7.00	Pass
	HCH	QPSK	RB1#0	24.46	-5.65	-7.8	16.66	0.046	7.00	Pass
			RB1#7	24.57	-5.65	-7.8	16.77	0.048	7.00	Pass
			RB1#14	24.56	-5.65	-7.8	16.76	0.047	7.00	Pass
			RB8#0	23.51	-5.65	-7.8	15.71	0.037	7.00	Pass
			RB8#4	23.43	-5.65	-7.8	15.63	0.037	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
5 MHz		16-QAM	RB8#7	23.44	-5.65	-7.8	15.64	0.037	7.00	Pass
			RB15#0	23.49	-5.65	-7.8	15.69	0.037	7.00	Pass
			RB1#0	23.6	-5.65	-7.8	15.80	0.038	7.00	Pass
			RB1#7	23.61	-5.65	-7.8	15.81	0.038	7.00	Pass
			RB1#14	23.51	-5.65	-7.8	15.71	0.037	7.00	Pass
			RB8#0	22.54	-5.65	-7.8	14.74	0.030	7.00	Pass
			RB8#4	22.54	-5.65	-7.8	14.74	0.030	7.00	Pass
			RB8#7	22.54	-5.65	-7.8	14.74	0.030	7.00	Pass
			RB15#0	22.39	-5.65	-7.8	14.59	0.029	7.00	Pass
	LCH	QPSK	RB1#0	24.91	-5.65	-7.8	17.11	0.051	7.00	Pass
			RB1#13	24.84	-5.65	-7.8	17.04	0.051	7.00	Pass
			RB1#24	24.91	-5.65	-7.8	17.11	0.051	7.00	Pass
			RB12#0	23.83	-5.65	-7.8	16.03	0.040	7.00	Pass
			RB12#6	23.79	-5.65	-7.8	15.99	0.040	7.00	Pass
			RB12#13	23.84	-5.65	-7.8	16.04	0.040	7.00	Pass
			RB25#0	23.76	-5.65	-7.8	15.96	0.039	7.00	Pass
			RB1#0	24.03	-5.65	-7.8	16.23	0.042	7.00	Pass
		16-QAM	RB1#13	24	-5.65	-7.8	16.20	0.042	7.00	Pass
			RB1#24	24.1	-5.65	-7.8	16.30	0.043	7.00	Pass
			RB12#0	22.9	-5.65	-7.8	15.10	0.032	7.00	Pass
			RB12#6	22.88	-5.65	-7.8	15.08	0.032	7.00	Pass
			RB12#13	22.86	-5.65	-7.8	15.06	0.032	7.00	Pass
			RB25#0	22.8	-5.65	-7.8	15.00	0.032	7.00	Pass
	MCH	QPSK	RB1#0	24.76	-5.65	-7.8	16.96	0.050	7.00	Pass
			RB1#13	24.85	-5.65	-7.8	17.05	0.051	7.00	Pass
			RB1#24	24.77	-5.65	-7.8	16.97	0.050	7.00	Pass
			RB12#0	23.71	-5.65	-7.8	15.91	0.039	7.00	Pass
			RB12#6	23.73	-5.65	-7.8	15.93	0.039	7.00	Pass
			RB12#13	23.79	-5.65	-7.8	15.99	0.040	7.00	Pass
			RB25#0	23.7	-5.65	-7.8	15.90	0.039	7.00	Pass
		16-QAM	RB1#0	24.21	-5.65	-7.8	16.41	0.044	7.00	Pass
			RB1#13	24.31	-5.65	-7.8	16.51	0.045	7.00	Pass
			RB1#24	24.25	-5.65	-7.8	16.45	0.044	7.00	Pass
			RB12#0	22.77	-5.65	-7.8	14.97	0.031	7.00	Pass
			RB12#6	22.83	-5.65	-7.8	15.03	0.032	7.00	Pass
			RB12#13	22.84	-5.65	-7.8	15.04	0.032	7.00	Pass
			RB25#0	22.76	-5.65	-7.8	14.96	0.031	7.00	Pass
	HCH	QPSK	RB1#0	24.81	-5.65	-7.8	17.01	0.050	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#13	24.73	-5.65	-7.8	16.93	0.049	7.00	Pass
			RB1#24	24.41	-5.65	-7.8	16.61	0.046	7.00	Pass
			RB12#0	23.61	-5.65	-7.8	15.81	0.038	7.00	Pass
			RB12#6	23.57	-5.65	-7.8	15.77	0.038	7.00	Pass
			RB12#13	23.51	-5.65	-7.8	15.71	0.037	7.00	Pass
			RB25#0	23.62	-5.65	-7.8	15.82	0.038	7.00	Pass
		16-QAM	RB1#0	23.83	-5.65	-7.8	16.03	0.040	7.00	Pass
			RB1#13	23.71	-5.65	-7.8	15.91	0.039	7.00	Pass
			RB1#24	23.67	-5.65	-7.8	15.87	0.039	7.00	Pass
			RB12#0	22.71	-5.65	-7.8	14.91	0.031	7.00	Pass
			RB12#6	22.63	-5.65	-7.8	14.83	0.030	7.00	Pass
			RB12#13	22.58	-5.65	-7.8	14.78	0.030	7.00	Pass
			RB25#0	22.54	-5.65	-7.8	14.74	0.030	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.96	-5.65	-7.8	17.16	0.052	7.00	Pass
			RB1#25	24.86	-5.65	-7.8	17.06	0.051	7.00	Pass
			RB1#49	24.88	-5.65	-7.8	17.08	0.051	7.00	Pass
			RB25#0	23.84	-5.65	-7.8	16.04	0.040	7.00	Pass
			RB25#13	23.93	-5.65	-7.8	16.13	0.041	7.00	Pass
			RB25#25	23.87	-5.65	-7.8	16.07	0.040	7.00	Pass
			RB50#0	23.88	-5.65	-7.8	16.08	0.041	7.00	Pass
		16-QAM	RB1#0	24.04	-5.65	-7.8	16.24	0.042	7.00	Pass
			RB1#25	23.89	-5.65	-7.8	16.09	0.041	7.00	Pass
			RB1#49	23.95	-5.65	-7.8	16.15	0.041	7.00	Pass
			RB25#0	22.78	-5.65	-7.8	14.98	0.031	7.00	Pass
			RB25#13	22.88	-5.65	-7.8	15.08	0.032	7.00	Pass
			RB25#25	22.82	-5.65	-7.8	15.02	0.032	7.00	Pass
			RB50#0	22.83	-5.65	-7.8	15.03	0.032	7.00	Pass
	MCH	QPSK	RB1#0	24.76	-5.65	-7.8	16.96	0.050	7.00	Pass
			RB1#25	24.64	-5.65	-7.8	16.84	0.048	7.00	Pass
			RB1#49	24.74	-5.65	-7.8	16.94	0.049	7.00	Pass
			RB25#0	23.65	-5.65	-7.8	15.85	0.038	7.00	Pass
			RB25#13	23.73	-5.65	-7.8	15.93	0.039	7.00	Pass
			RB25#25	23.81	-5.65	-7.8	16.01	0.040	7.00	Pass
			RB50#0	23.7	-5.65	-7.8	15.90	0.039	7.00	Pass
		16-QAM	RB1#0	24.26	-5.65	-7.8	16.46	0.044	7.00	Pass
			RB1#25	24.15	-5.65	-7.8	16.35	0.043	7.00	Pass
			RB1#49	24.3	-5.65	-7.8	16.50	0.045	7.00	Pass
			RB25#0	22.67	-5.65	-7.8	14.87	0.031	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB25#13	22.74	-5.65	-7.8	14.94	0.031	7.00	Pass
			RB25#25	22.78	-5.65	-7.8	14.98	0.031	7.00	Pass
			RB50#0	22.7	-5.65	-7.8	14.90	0.031	7.00	Pass
	HCH	QPSK	RB1#0	24.61	-5.65	-7.8	16.81	0.048	7.00	Pass
			RB1#25	24.57	-5.65	-7.8	16.77	0.048	7.00	Pass
			RB1#49	24.34	-5.65	-7.8	16.54	0.045	7.00	Pass
			RB25#0	23.67	-5.65	-7.8	15.87	0.039	7.00	Pass
			RB25#13	23.7	-5.65	-7.8	15.90	0.039	7.00	Pass
			RB25#25	23.5	-5.65	-7.8	15.70	0.037	7.00	Pass
			RB50#0	23.65	-5.65	-7.8	15.85	0.038	7.00	Pass
		16-QAM	RB1#0	23.86	-5.65	-7.8	16.06	0.040	7.00	Pass
			RB1#25	23.69	-5.65	-7.8	15.89	0.039	7.00	Pass
			RB1#49	23.29	-5.65	-7.8	15.49	0.035	7.00	Pass
			RB25#0	22.74	-5.65	-7.8	14.94	0.031	7.00	Pass
			RB25#13	22.72	-5.65	-7.8	14.92	0.031	7.00	Pass
			RB25#25	22.58	-5.65	-7.8	14.78	0.030	7.00	Pass
			RB50#0	22.69	-5.65	-7.8	14.89	0.031	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
5 MHz	LCH	QPSK	RB1#0	23.96	1.2	25.16	0.328	2.00	Pass
			RB1#13	23.89	1.2	25.09	0.323	2.00	Pass
			RB1#24	23.84	1.2	25.04	0.319	2.00	Pass
			RB12#0	22.88	1.2	24.08	0.256	2.00	Pass
			RB12#6	22.88	1.2	24.08	0.256	2.00	Pass
			RB12#13	22.84	1.2	24.04	0.254	2.00	Pass
			RB25#0	22.9	1.2	24.10	0.257	2.00	Pass
		16-QAM	RB1#0	23.16	1.2	24.36	0.273	2.00	Pass
			RB1#13	23.09	1.2	24.29	0.269	2.00	Pass
			RB1#24	23.04	1.2	24.24	0.265	2.00	Pass
			RB12#0	21.97	1.2	23.17	0.207	2.00	Pass
			RB12#6	21.91	1.2	23.11	0.205	2.00	Pass
			RB12#13	21.9	1.2	23.10	0.204	2.00	Pass
			RB25#0	21.84	1.2	23.04	0.201	2.00	Pass
	MCH	QPSK	RB1#0	24.07	1.2	25.27	0.337	2.00	Pass
			RB1#13	24.04	1.2	25.24	0.334	2.00	Pass
			RB1#24	23.91	1.2	25.11	0.324	2.00	Pass
			RB12#0	22.97	1.2	24.17	0.261	2.00	Pass
			RB12#6	22.93	1.2	24.13	0.259	2.00	Pass
			RB12#13	22.9	1.2	24.10	0.257	2.00	Pass
			RB25#0	22.94	1.2	24.14	0.259	2.00	Pass
		16-QAM	RB1#0	23.58	1.2	24.78	0.301	2.00	Pass
			RB1#13	23.56	1.2	24.76	0.299	2.00	Pass
			RB1#24	23.39	1.2	24.59	0.288	2.00	Pass
			RB12#0	22.12	1.2	23.32	0.215	2.00	Pass
			RB12#6	22.06	1.2	23.26	0.212	2.00	Pass
			RB12#13	22.03	1.2	23.23	0.210	2.00	Pass
			RB25#0	21.98	1.2	23.18	0.208	2.00	Pass
	HCH	QPSK	RB1#0	24.04	1.2	25.24	0.334	2.00	Pass
			RB1#13	23.98	1.2	25.18	0.330	2.00	Pass
			RB1#24	23.69	1.2	24.89	0.308	2.00	Pass
			RB12#0	23.01	1.2	24.21	0.264	2.00	Pass
			RB12#6	22.85	1.2	24.05	0.254	2.00	Pass
			RB12#13	22.81	1.2	24.01	0.252	2.00	Pass
			RB25#0	22.84	1.2	24.04	0.254	2.00	Pass
		16-QAM	RB1#0	23.1	1.2	24.30	0.269	2.00	Pass
			RB1#13	23.06	1.2	24.26	0.267	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
10 MHz			RB1#24	22.84	1.2	24.04	0.254	2.00	Pass
			RB12#0	21.98	1.2	23.18	0.208	2.00	Pass
			RB12#6	21.93	1.2	23.13	0.206	2.00	Pass
			RB12#13	21.94	1.2	23.14	0.206	2.00	Pass
			RB25#0	21.79	1.2	22.99	0.199	2.00	Pass
	LCH	QPSK	RB1#0	23.99	1.2	25.19	0.330	2.00	Pass
			RB1#25	23.79	1.2	24.99	0.316	2.00	Pass
			RB1#49	23.89	1.2	25.09	0.323	2.00	Pass
			RB25#0	22.92	1.2	24.12	0.258	2.00	Pass
			RB25#13	22.88	1.2	24.08	0.256	2.00	Pass
			RB25#25	22.83	1.2	24.03	0.253	2.00	Pass
			RB50#0	22.9	1.2	24.10	0.257	2.00	Pass
		16-QAM	RB1#0	22.94	1.2	24.14	0.259	2.00	Pass
			RB1#25	22.65	1.2	23.85	0.243	2.00	Pass
			RB1#49	22.74	1.2	23.94	0.248	2.00	Pass
			RB25#0	21.79	1.2	22.99	0.199	2.00	Pass
			RB25#13	21.82	1.2	23.02	0.200	2.00	Pass
			RB25#25	21.76	1.2	22.96	0.198	2.00	Pass
			RB50#0	21.79	1.2	22.99	0.199	2.00	Pass
	MCH	QPSK	RB1#0	24.12	1.2	25.32	0.340	2.00	Pass
			RB1#25	23.91	1.2	25.11	0.324	2.00	Pass
			RB1#49	23.93	1.2	25.13	0.326	2.00	Pass
			RB25#0	22.95	1.2	24.15	0.260	2.00	Pass
			RB25#13	22.85	1.2	24.05	0.254	2.00	Pass
			RB25#25	22.88	1.2	24.08	0.256	2.00	Pass
			RB50#0	22.88	1.2	24.08	0.256	2.00	Pass
		16-QAM	RB1#0	23.35	1.2	24.55	0.285	2.00	Pass
			RB1#25	23.11	1.2	24.31	0.270	2.00	Pass
			RB1#49	23.21	1.2	24.41	0.276	2.00	Pass
			RB25#0	21.96	1.2	23.16	0.207	2.00	Pass
			RB25#13	21.92	1.2	23.12	0.205	2.00	Pass
			RB25#25	21.94	1.2	23.14	0.206	2.00	Pass
			RB50#0	21.86	1.2	23.06	0.202	2.00	Pass
	HCH	QPSK	RB1#0	24.06	1.2	25.26	0.336	2.00	Pass
			RB1#25	23.8	1.2	25.00	0.316	2.00	Pass
			RB1#49	23.37	1.2	24.57	0.286	2.00	Pass
			RB25#0	22.86	1.2	24.06	0.255	2.00	Pass
			RB25#13	22.9	1.2	24.10	0.257	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB25#25	22.84	1.2	24.04	0.254	2.00	Pass
			RB50#0	22.91	1.2	24.11	0.258	2.00	Pass
		16-QAM	RB1#0	23	1.2	24.20	0.263	2.00	Pass
			RB1#25	22.86	1.2	24.06	0.255	2.00	Pass
			RB1#49	22.41	1.2	23.61	0.230	2.00	Pass
			RB25#0	21.96	1.2	23.16	0.207	2.00	Pass
			RB25#13	22.04	1.2	23.24	0.211	2.00	Pass
			RB25#25	21.96	1.2	23.16	0.207	2.00	Pass
			RB50#0	21.92	1.2	23.12	0.205	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.69	1.2	24.89	0.308	2.00	Pass
			RB1#38	23.54	1.2	24.74	0.298	2.00	Pass
			RB1#74	23.58	1.2	24.78	0.301	2.00	Pass
			RB36#0	22.65	1.2	23.85	0.243	2.00	Pass
			RB36#19	22.63	1.2	23.83	0.242	2.00	Pass
			RB36#39	22.63	1.2	23.83	0.242	2.00	Pass
			RB75#0	22.65	1.2	23.85	0.243	2.00	Pass
		16-QAM	RB1#0	23.37	1.2	24.57	0.286	2.00	Pass
			RB1#38	23.06	1.2	24.26	0.267	2.00	Pass
			RB1#74	22.98	1.2	24.18	0.262	2.00	Pass
			RB36#0	21.53	1.2	22.73	0.187	2.00	Pass
			RB36#19	21.51	1.2	22.71	0.187	2.00	Pass
			RB36#39	21.49	1.2	22.69	0.186	2.00	Pass
			RB75#0	21.57	1.2	22.77	0.189	2.00	Pass
	MCH	QPSK	RB1#0	23.9	1.2	25.10	0.324	2.00	Pass
			RB1#38	23.67	1.2	24.87	0.307	2.00	Pass
			RB1#74	23.7	1.2	24.90	0.309	2.00	Pass
			RB36#0	22.59	1.2	23.79	0.239	2.00	Pass
			RB36#19	22.59	1.2	23.79	0.239	2.00	Pass
			RB36#39	22.54	1.2	23.74	0.237	2.00	Pass
			RB75#0	22.55	1.2	23.75	0.237	2.00	Pass
		16-QAM	RB1#0	22.63	1.2	23.83	0.242	2.00	Pass
			RB1#38	22.52	1.2	23.72	0.236	2.00	Pass
			RB1#74	22.62	1.2	23.82	0.241	2.00	Pass
			RB36#0	21.63	1.2	22.83	0.192	2.00	Pass
			RB36#19	21.55	1.2	22.75	0.188	2.00	Pass
			RB36#39	21.57	1.2	22.77	0.189	2.00	Pass
			RB75#0	21.54	1.2	22.74	0.188	2.00	Pass
	HCH	QPSK	RB1#0	23.81	1.2	25.01	0.317	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB1#38	23.67	1.2	24.87	0.307	2.00	Pass
			RB1#74	23.6	1.2	24.80	0.302	2.00	Pass
			RB36#0	22.68	1.2	23.88	0.244	2.00	Pass
			RB36#19	22.64	1.2	23.84	0.242	2.00	Pass
			RB36#39	22.66	1.2	23.86	0.243	2.00	Pass
			RB75#0	22.66	1.2	23.86	0.243	2.00	Pass
		16-QAM	RB1#0	23.3	1.2	24.50	0.282	2.00	Pass
			RB1#38	23.06	1.2	24.26	0.267	2.00	Pass
			RB1#74	22.92	1.2	24.12	0.258	2.00	Pass
			RB36#0	21.74	1.2	22.94	0.197	2.00	Pass
			RB36#19	21.73	1.2	22.93	0.196	2.00	Pass
			RB36#39	21.74	1.2	22.94	0.197	2.00	Pass
			RB75#0	21.7	1.2	22.90	0.195	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.74	1.2	24.94	0.312	2.00	Pass
			RB1#50	23.47	1.2	24.67	0.293	2.00	Pass
			RB1#99	23.75	1.2	24.95	0.313	2.00	Pass
			RB50#0	22.58	1.2	23.78	0.239	2.00	Pass
			RB50#25	22.52	1.2	23.72	0.236	2.00	Pass
			RB50#50	22.48	1.2	23.68	0.233	2.00	Pass
			RB100#0	22.52	1.2	23.72	0.236	2.00	Pass
		16-QAM	RB1#0	23.16	1.2	24.36	0.273	2.00	Pass
			RB1#50	22.98	1.2	24.18	0.262	2.00	Pass
			RB1#99	23.21	1.2	24.41	0.276	2.00	Pass
			RB50#0	21.55	1.2	22.75	0.188	2.00	Pass
			RB50#25	21.5	1.2	22.70	0.186	2.00	Pass
			RB50#50	21.53	1.2	22.73	0.187	2.00	Pass
			RB100#0	21.57	1.2	22.77	0.189	2.00	Pass
	MCH	QPSK	RB1#0	23.8	1.2	25.00	0.316	2.00	Pass
			RB1#50	23.69	1.2	24.89	0.308	2.00	Pass
			RB1#99	23.78	1.2	24.98	0.315	2.00	Pass
			RB50#0	22.65	1.2	23.85	0.243	2.00	Pass
			RB50#25	22.54	1.2	23.74	0.237	2.00	Pass
			RB50#50	22.56	1.2	23.76	0.238	2.00	Pass
			RB100#0	22.56	1.2	23.76	0.238	2.00	Pass
		16-QAM	RB1#0	23.16	1.2	24.36	0.273	2.00	Pass
			RB1#50	22.92	1.2	24.12	0.258	2.00	Pass
			RB1#99	23.09	1.2	24.29	0.269	2.00	Pass
			RB50#0	21.61	1.2	22.81	0.191	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB50#25	21.57	1.2	22.77	0.189	2.00	Pass
			RB50#50	21.57	1.2	22.77	0.189	2.00	Pass
			RB100#0	21.61	1.2	22.81	0.191	2.00	Pass
	HCH	QPSK	RB1#0	23.74	1.2	24.94	0.312	2.00	Pass
			RB1#50	23.59	1.2	24.79	0.301	2.00	Pass
			RB1#99	23.47	1.2	24.67	0.293	2.00	Pass
			RB50#0	22.65	1.2	23.85	0.243	2.00	Pass
			RB50#25	22.63	1.2	23.83	0.242	2.00	Pass
			RB50#50	22.73	1.2	23.93	0.247	2.00	Pass
			RB100#0	22.66	1.2	23.86	0.243	2.00	Pass
		16-QAM	RB1#0	23.1	1.2	24.30	0.269	2.00	Pass
			RB1#50	23.1	1.2	24.30	0.269	2.00	Pass
			RB1#99	22.92	1.2	24.12	0.258	2.00	Pass
			RB50#0	21.64	1.2	22.84	0.192	2.00	Pass
			RB50#25	21.6	1.2	22.80	0.191	2.00	Pass
			RB50#50	21.73	1.2	22.93	0.196	2.00	Pass
			RB100#0	21.66	1.2	22.86	0.193	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
1.4 MHz	LCH	QPSK	RB1#0	24.51	-4.71	-6.86	17.65	0.058	3.000	Pass
			RB1#3	24.63	-4.71	-6.86	17.77	0.060	3.000	Pass
			RB1#5	24.55	-4.71	-6.86	17.69	0.059	3.000	Pass
			RB3#0	24.49	-4.71	-6.86	17.63	0.058	3.000	Pass
			RB3#2	24.53	-4.71	-6.86	17.67	0.058	3.000	Pass
			RB3#3	24.51	-4.71	-6.86	17.65	0.058	3.000	Pass
			RB6#0	23.55	-4.71	-6.86	16.69	0.047	3.000	Pass
		16-QAM	RB1#0	23.62	-4.71	-6.86	16.76	0.047	3.000	Pass
			RB1#3	23.59	-4.71	-6.86	16.73	0.047	3.000	Pass
			RB1#5	23.66	-4.71	-6.86	16.80	0.048	3.000	Pass
			RB3#0	23.52	-4.71	-6.86	16.66	0.046	3.000	Pass
			RB3#2	23.61	-4.71	-6.86	16.75	0.047	3.000	Pass
			RB3#3	23.5	-4.71	-6.86	16.64	0.046	3.000	Pass
			RB6#0	22.64	-4.71	-6.86	15.78	0.038	3.000	Pass
	MCH	QPSK	RB1#0	24.32	-4.71	-6.86	17.46	0.056	3.000	Pass
			RB1#3	24.37	-4.71	-6.86	17.51	0.056	3.000	Pass
			RB1#5	24.34	-4.71	-6.86	17.48	0.056	3.000	Pass
			RB3#0	24.31	-4.71	-6.86	17.45	0.056	3.000	Pass
			RB3#2	24.44	-4.71	-6.86	17.58	0.057	3.000	Pass
			RB3#3	24.31	-4.71	-6.86	17.45	0.056	3.000	Pass
			RB6#0	23.36	-4.71	-6.86	16.50	0.045	3.000	Pass
		16-QAM	RB1#0	23.85	-4.71	-6.86	16.99	0.050	3.000	Pass
			RB1#3	23.78	-4.71	-6.86	16.92	0.049	3.000	Pass
			RB1#5	23.72	-4.71	-6.86	16.86	0.049	3.000	Pass
			RB3#0	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
			RB3#2	23.56	-4.71	-6.86	16.70	0.047	3.000	Pass
			RB3#3	23.49	-4.71	-6.86	16.63	0.046	3.000	Pass
			RB6#0	22.24	-4.71	-6.86	15.38	0.035	3.000	Pass
	HCH	QPSK	RB1#0	24.38	-4.71	-6.86	17.52	0.056	3.000	Pass
			RB1#3	24.37	-4.71	-6.86	17.51	0.056	3.000	Pass
			RB1#5	24.47	-4.71	-6.86	17.61	0.058	3.000	Pass
			RB3#0	24.43	-4.71	-6.86	17.57	0.057	3.000	Pass
			RB3#2	24.48	-4.71	-6.86	17.62	0.058	3.000	Pass
			RB3#3	24.47	-4.71	-6.86	17.61	0.058	3.000	Pass
			RB6#0	23.33	-4.71	-6.86	16.47	0.044	3.000	Pass
		16-QAM	RB1#0	23.37	-4.71	-6.86	16.51	0.045	3.000	Pass
			RB1#3	23.27	-4.71	-6.86	16.41	0.044	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenn a Gain (dBi)	Antenn a Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
3 MHz			RB1#5	23.28	-4.71	-6.86	16.42	0.044	3.000	Pass
			RB3#0	23.52	-4.71	-6.86	16.66	0.046	3.000	Pass
			RB3#2	23.66	-4.71	-6.86	16.80	0.048	3.000	Pass
			RB3#3	23.47	-4.71	-6.86	16.61	0.046	3.000	Pass
			RB6#0	22.53	-4.71	-6.86	15.67	0.037	3.000	Pass
	LCH	QPSK	RB1#0	24.71	-4.71	-6.86	17.85	0.061	3.000	Pass
			RB1#7	24.54	-4.71	-6.86	17.68	0.059	3.000	Pass
			RB1#14	24.59	-4.71	-6.86	17.73	0.059	3.000	Pass
			RB8#0	23.58	-4.71	-6.86	16.72	0.047	3.000	Pass
			RB8#4	23.56	-4.71	-6.86	16.70	0.047	3.000	Pass
			RB8#7	23.54	-4.71	-6.86	16.68	0.047	3.000	Pass
			RB15#0	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
		16-QAM	RB1#0	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
			RB1#7	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
			RB1#14	23.47	-4.71	-6.86	16.61	0.046	3.000	Pass
			RB8#0	22.65	-4.71	-6.86	15.79	0.038	3.000	Pass
			RB8#4	22.62	-4.71	-6.86	15.76	0.038	3.000	Pass
			RB8#7	22.62	-4.71	-6.86	15.76	0.038	3.000	Pass
			RB15#0	22.52	-4.71	-6.86	15.66	0.037	3.000	Pass
	MCH	QPSK	RB1#0	24.47	-4.71	-6.86	17.61	0.058	3.000	Pass
			RB1#7	24.39	-4.71	-6.86	17.53	0.057	3.000	Pass
			RB1#14	24.38	-4.71	-6.86	17.52	0.056	3.000	Pass
			RB8#0	23.38	-4.71	-6.86	16.52	0.045	3.000	Pass
			RB8#4	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
			RB8#7	23.36	-4.71	-6.86	16.50	0.045	3.000	Pass
			RB15#0	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
		16-QAM	RB1#0	23.89	-4.71	-6.86	17.03	0.050	3.000	Pass
			RB1#7	23.81	-4.71	-6.86	16.95	0.050	3.000	Pass
			RB1#14	23.8	-4.71	-6.86	16.94	0.049	3.000	Pass
			RB8#0	22.47	-4.71	-6.86	15.61	0.036	3.000	Pass
			RB8#4	22.51	-4.71	-6.86	15.65	0.037	3.000	Pass
			RB8#7	22.44	-4.71	-6.86	15.58	0.036	3.000	Pass
			RB15#0	22.4	-4.71	-6.86	15.54	0.036	3.000	Pass
	HCH	QPSK	RB1#0	24.37	-4.71	-6.86	17.51	0.056	3.000	Pass
			RB1#7	24.47	-4.71	-6.86	17.61	0.058	3.000	Pass
			RB1#14	24.36	-4.71	-6.86	17.50	0.056	3.000	Pass
			RB8#0	23.36	-4.71	-6.86	16.50	0.045	3.000	Pass
			RB8#4	23.43	-4.71	-6.86	16.57	0.045	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenn a Gain (dBi)	Antenn a Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
		16-QAM	RB8#7	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
			RB15#0	23.43	-4.71	-6.86	16.57	0.045	3.000	Pass
			RB1#0	23.37	-4.71	-6.86	16.51	0.045	3.000	Pass
			RB1#7	23.45	-4.71	-6.86	16.59	0.046	3.000	Pass
			RB1#14	23.46	-4.71	-6.86	16.60	0.046	3.000	Pass
			RB8#0	22.51	-4.71	-6.86	15.65	0.037	3.000	Pass
			RB8#4	22.58	-4.71	-6.86	15.72	0.037	3.000	Pass
			RB8#7	22.53	-4.71	-6.86	15.67	0.037	3.000	Pass
			RB15#0	22.45	-4.71	-6.86	15.59	0.036	3.000	Pass
5 MHz	LCH	QPSK	RB1#0	24.52	-4.71	-6.86	17.66	0.058	3.000	Pass
			RB1#13	24.64	-4.71	-6.86	17.78	0.060	3.000	Pass
			RB1#24	24.46	-4.71	-6.86	17.60	0.058	3.000	Pass
			RB12#0	23.61	-4.71	-6.86	16.75	0.047	3.000	Pass
			RB12#6	23.6	-4.71	-6.86	16.74	0.047	3.000	Pass
			RB12#13	23.57	-4.71	-6.86	16.71	0.047	3.000	Pass
			RB25#0	23.53	-4.71	-6.86	16.67	0.046	3.000	Pass
		16-QAM	RB1#0	23.77	-4.71	-6.86	16.91	0.049	3.000	Pass
			RB1#13	23.77	-4.71	-6.86	16.91	0.049	3.000	Pass
			RB1#24	23.75	-4.71	-6.86	16.89	0.049	3.000	Pass
			RB12#0	22.7	-4.71	-6.86	15.84	0.038	3.000	Pass
			RB12#6	22.64	-4.71	-6.86	15.78	0.038	3.000	Pass
			RB12#13	22.66	-4.71	-6.86	15.80	0.038	3.000	Pass
			RB25#0	22.54	-4.71	-6.86	15.68	0.037	3.000	Pass
	MCH	QPSK	RB1#0	24.55	-4.71	-6.86	17.69	0.059	3.000	Pass
			RB1#13	24.42	-4.71	-6.86	17.56	0.057	3.000	Pass
			RB1#24	24.38	-4.71	-6.86	17.52	0.056	3.000	Pass
			RB12#0	23.52	-4.71	-6.86	16.66	0.046	3.000	Pass
			RB12#6	23.39	-4.71	-6.86	16.53	0.045	3.000	Pass
			RB12#13	23.46	-4.71	-6.86	16.60	0.046	3.000	Pass
			RB25#0	23.42	-4.71	-6.86	16.56	0.045	3.000	Pass
		16-QAM	RB1#0	23.99	-4.71	-6.86	17.13	0.052	3.000	Pass
			RB1#13	23.95	-4.71	-6.86	17.09	0.051	3.000	Pass
			RB1#24	23.92	-4.71	-6.86	17.06	0.051	3.000	Pass
			RB12#0	22.62	-4.71	-6.86	15.76	0.038	3.000	Pass
			RB12#6	22.51	-4.71	-6.86	15.65	0.037	3.000	Pass
			RB12#13	22.58	-4.71	-6.86	15.72	0.037	3.000	Pass
			RB25#0	22.48	-4.71	-6.86	15.62	0.036	3.000	Pass
	HCH	QPSK	RB1#0	24.4	-4.71	-6.86	17.54	0.057	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenn a Gain (dBi)	Antenn a Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB1#13	24.52	-4.71	-6.86	17.66	0.058	3.000	Pass
			RB1#24	24.48	-4.71	-6.86	17.62	0.058	3.000	Pass
			RB12#0	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
			RB12#6	23.41	-4.71	-6.86	16.55	0.045	3.000	Pass
			RB12#13	23.5	-4.71	-6.86	16.64	0.046	3.000	Pass
			RB25#0	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
		16-QAM	RB1#0	23.41	-4.71	-6.86	16.55	0.045	3.000	Pass
			RB1#13	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass
			RB1#24	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass
			RB12#0	22.58	-4.71	-6.86	15.72	0.037	3.000	Pass
			RB12#6	22.51	-4.71	-6.86	15.65	0.037	3.000	Pass
			RB12#13	22.57	-4.71	-6.86	15.71	0.037	3.000	Pass
			RB25#0	22.42	-4.71	-6.86	15.56	0.036	3.000	Pass
10 MHz	LCH	QPSK	RB1#0	24.88	-4.71	-6.86	18.02	0.063	3.000	Pass
			RB1#25	24.54	-4.71	-6.86	17.68	0.059	3.000	Pass
			RB1#49	24.69	-4.71	-6.86	17.83	0.061	3.000	Pass
			RB25#0	23.64	-4.71	-6.86	16.78	0.048	3.000	Pass
			RB25#13	23.53	-4.71	-6.86	16.67	0.046	3.000	Pass
			RB25#25	23.56	-4.71	-6.86	16.70	0.047	3.000	Pass
			RB50#0	23.55	-4.71	-6.86	16.69	0.047	3.000	Pass
		16-QAM	RB1#0	23.8	-4.71	-6.86	16.94	0.049	3.000	Pass
			RB1#25	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass
			RB1#49	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
			RB25#0	22.63	-4.71	-6.86	15.77	0.038	3.000	Pass
			RB25#13	22.56	-4.71	-6.86	15.70	0.037	3.000	Pass
			RB25#25	22.54	-4.71	-6.86	15.68	0.037	3.000	Pass
			RB50#0	22.51	-4.71	-6.86	15.65	0.037	3.000	Pass
	MCH	QPSK	RB1#0	24.79	-4.71	-6.86	17.93	0.062	3.000	Pass
			RB1#25	24.34	-4.71	-6.86	17.48	0.056	3.000	Pass
			RB1#49	24.47	-4.71	-6.86	17.61	0.058	3.000	Pass
			RB25#0	23.57	-4.71	-6.86	16.71	0.047	3.000	Pass
			RB25#13	23.48	-4.71	-6.86	16.62	0.046	3.000	Pass
			RB25#25	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass
			RB50#0	23.49	-4.71	-6.86	16.63	0.046	3.000	Pass
		16-QAM	RB1#0	24.2	-4.71	-6.86	17.34	0.054	3.000	Pass
			RB1#25	23.81	-4.71	-6.86	16.95	0.050	3.000	Pass
			RB1#49	23.88	-4.71	-6.86	17.02	0.050	3.000	Pass
			RB25#0	22.62	-4.71	-6.86	15.76	0.038	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
	HCH		RB25#13	22.52	-4.71	-6.86	15.66	0.037	3.000	Pass
			RB25#25	22.46	-4.71	-6.86	15.60	0.036	3.000	Pass
			RB50#0	22.5	-4.71	-6.86	15.64	0.037	3.000	Pass
		QPSK	RB1#0	24.62	-4.71	-6.86	17.76	0.060	3.000	Pass
			RB1#25	24.57	-4.71	-6.86	17.71	0.059	3.000	Pass
			RB1#49	24.46	-4.71	-6.86	17.60	0.058	3.000	Pass
			RB25#0	23.5	-4.71	-6.86	16.64	0.046	3.000	Pass
			RB25#13	23.49	-4.71	-6.86	16.63	0.046	3.000	Pass
			RB25#25	23.42	-4.71	-6.86	16.56	0.045	3.000	Pass
			RB50#0	23.41	-4.71	-6.86	16.55	0.045	3.000	Pass
		16-QAM	RB1#0	23.63	-4.71	-6.86	16.77	0.048	3.000	Pass
			RB1#25	23.48	-4.71	-6.86	16.62	0.046	3.000	Pass
			RB1#49	23.64	-4.71	-6.86	16.78	0.048	3.000	Pass
			RB25#0	22.61	-4.71	-6.86	15.75	0.038	3.000	Pass
			RB25#13	22.63	-4.71	-6.86	15.77	0.038	3.000	Pass
			RB25#25	22.52	-4.71	-6.86	15.66	0.037	3.000	Pass
			RB50#0	22.45	-4.71	-6.86	15.59	0.036	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND13										
5 MHz	LCH	QPSK	RB1#0	24.81	-5.13	-7.28	17.53	0.057	3.000	Pass
			RB1#13	24.69	-5.13	-7.28	17.41	0.055	3.000	Pass
			RB1#24	24.72	-5.13	-7.28	17.44	0.055	3.000	Pass
			RB12#0	23.8	-5.13	-7.28	16.52	0.045	3.000	Pass
			RB12#6	23.75	-5.13	-7.28	16.47	0.044	3.000	Pass
			RB12#13	23.81	-5.13	-7.28	16.53	0.045	3.000	Pass
			RB25#0	23.83	-5.13	-7.28	16.55	0.045	3.000	Pass
		16-QAM	RB1#0	24.02	-5.13	-7.28	16.74	0.047	3.000	Pass
			RB1#13	24	-5.13	-7.28	16.72	0.047	3.000	Pass
			RB1#24	24.02	-5.13	-7.28	16.74	0.047	3.000	Pass
			RB12#0	22.84	-5.13	-7.28	15.56	0.036	3.000	Pass
			RB12#6	22.79	-5.13	-7.28	15.51	0.036	3.000	Pass
			RB12#13	22.88	-5.13	-7.28	15.60	0.036	3.000	Pass
			RB25#0	22.8	-5.13	-7.28	15.52	0.036	3.000	Pass
	MCH	QPSK	RB1#0	24.93	-5.13	-7.28	17.65	0.058	3.000	Pass
			RB1#13	24.92	-5.13	-7.28	17.64	0.058	3.000	Pass
			RB1#24	24.93	-5.13	-7.28	17.65	0.058	3.000	Pass
			RB12#0	23.9	-5.13	-7.28	16.62	0.046	3.000	Pass
			RB12#6	23.8	-5.13	-7.28	16.52	0.045	3.000	Pass
			RB12#13	23.84	-5.13	-7.28	16.56	0.045	3.000	Pass
			RB25#0	23.93	-5.13	-7.28	16.65	0.046	3.000	Pass
		16-QAM	RB1#0	24.52	-5.13	-7.28	17.24	0.053	3.000	Pass
			RB1#13	24.45	-5.13	-7.28	17.17	0.052	3.000	Pass
			RB1#24	24.33	-5.13	-7.28	17.05	0.051	3.000	Pass
			RB12#0	22.93	-5.13	-7.28	15.65	0.037	3.000	Pass
			RB12#6	22.85	-5.13	-7.28	15.57	0.036	3.000	Pass
			RB12#13	22.94	-5.13	-7.28	15.66	0.037	3.000	Pass
			RB25#0	22.91	-5.13	-7.28	15.63	0.037	3.000	Pass
	HCH	QPSK	RB1#0	24.81	-5.13	-7.28	17.53	0.057	3.000	Pass
			RB1#13	24.92	-5.13	-7.28	17.64	0.058	3.000	Pass
			RB1#24	24.98	-5.13	-7.28	17.70	0.059	3.000	Pass
			RB12#0	23.71	-5.13	-7.28	16.43	0.044	3.000	Pass
			RB12#6	23.72	-5.13	-7.28	16.44	0.044	3.000	Pass
			RB12#13	23.71	-5.13	-7.28	16.43	0.044	3.000	Pass
			RB25#0	23.81	-5.13	-7.28	16.53	0.045	3.000	Pass
		16-QAM	RB1#0	23.92	-5.13	-7.28	16.64	0.046	3.000	Pass
			RB1#13	23.83	-5.13	-7.28	16.55	0.045	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenn a Gain (dBi)	Antenn a Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND13										
10 MHz	MCH		RB1#24	24.15	-5.13	-7.28	16.87	0.049	3.000	Pass
			RB12#0	22.74	-5.13	-7.28	15.46	0.035	3.000	Pass
			RB12#6	22.78	-5.13	-7.28	15.50	0.035	3.000	Pass
			RB12#13	22.76	-5.13	-7.28	15.48	0.035	3.000	Pass
			RB25#0	22.74	-5.13	-7.28	15.46	0.035	3.000	Pass
		QPSK	RB1#0	24.86	-5.13	-7.28	17.58	0.057	3.000	Pass
			RB1#25	24.65	-5.13	-7.28	17.37	0.055	3.000	Pass
			RB1#49	24.85	-5.13	-7.28	17.57	0.057	3.000	Pass
			RB25#0	23.76	-5.13	-7.28	16.48	0.044	3.000	Pass
			RB25#13	23.79	-5.13	-7.28	16.51	0.045	3.000	Pass
			RB25#25	23.77	-5.13	-7.28	16.49	0.045	3.000	Pass
			RB50#0	23.87	-5.13	-7.28	16.59	0.046	3.000	Pass
		16-QAM	RB1#0	23.9	-5.13	-7.28	16.62	0.046	3.000	Pass
			RB1#25	23.66	-5.13	-7.28	16.38	0.043	3.000	Pass
			RB1#49	23.88	-5.13	-7.28	16.60	0.046	3.000	Pass
			RB25#0	22.71	-5.13	-7.28	15.43	0.035	3.000	Pass
			RB25#13	22.79	-5.13	-7.28	15.51	0.036	3.000	Pass
			RB25#25	22.8	-5.13	-7.28	15.52	0.036	3.000	Pass
			RB50#0	22.79	-5.13	-7.28	15.51	0.036	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
5 MHz	LCH	QPSK	RB1#0	24.55	-4.71	-6.86	17.69	0.059	3.000	Pass
			RB1#13	24.58	-4.71	-6.86	17.72	0.059	3.000	Pass
			RB1#24	24.48	-4.71	-6.86	17.62	0.058	3.000	Pass
			RB12#0	23.5	-4.71	-6.86	16.64	0.046	3.000	Pass
			RB12#6	23.55	-4.71	-6.86	16.69	0.047	3.000	Pass
			RB12#13	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
			RB25#0	23.53	-4.71	-6.86	16.67	0.046	3.000	Pass
		16-QAM	RB1#0	23.67	-4.71	-6.86	16.81	0.048	3.000	Pass
			RB1#13	23.74	-4.71	-6.86	16.88	0.049	3.000	Pass
			RB1#24	23.66	-4.71	-6.86	16.80	0.048	3.000	Pass
			RB12#0	22.54	-4.71	-6.86	15.68	0.037	3.000	Pass
			RB12#6	22.59	-4.71	-6.86	15.73	0.037	3.000	Pass
			RB12#13	22.56	-4.71	-6.86	15.70	0.037	3.000	Pass
			RB25#0	22.52	-4.71	-6.86	15.66	0.037	3.000	Pass
	MCH	QPSK	RB1#0	24.44	-4.71	-6.86	17.58	0.057	3.000	Pass
			RB1#13	24.41	-4.71	-6.86	17.55	0.057	3.000	Pass
			RB1#24	24.32	-4.71	-6.86	17.46	0.056	3.000	Pass
			RB12#0	23.43	-4.71	-6.86	16.57	0.045	3.000	Pass
			RB12#6	23.34	-4.71	-6.86	16.48	0.044	3.000	Pass
			RB12#13	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass
			RB25#0	23.46	-4.71	-6.86	16.60	0.046	3.000	Pass
		16-QAM	RB1#0	23.92	-4.71	-6.86	17.06	0.051	3.000	Pass
			RB1#13	23.87	-4.71	-6.86	17.01	0.050	3.000	Pass
			RB1#24	23.8	-4.71	-6.86	16.94	0.049	3.000	Pass
			RB12#0	22.48	-4.71	-6.86	15.62	0.036	3.000	Pass
			RB12#6	22.5	-4.71	-6.86	15.64	0.037	3.000	Pass
			RB12#13	22.54	-4.71	-6.86	15.68	0.037	3.000	Pass
			RB25#0	22.5	-4.71	-6.86	15.64	0.037	3.000	Pass
	HCH	QPSK	RB1#0	24.5	-4.71	-6.86	17.64	0.058	3.000	Pass
			RB1#13	24.42	-4.71	-6.86	17.56	0.057	3.000	Pass
			RB1#24	24.49	-4.71	-6.86	17.63	0.058	3.000	Pass
			RB12#0	23.46	-4.71	-6.86	16.60	0.046	3.000	Pass
			RB12#6	23.42	-4.71	-6.86	16.56	0.045	3.000	Pass
			RB12#13	23.49	-4.71	-6.86	16.63	0.046	3.000	Pass
			RB25#0	23.46	-4.71	-6.86	16.60	0.046	3.000	Pass
		16-QAM	RB1#0	23.56	-4.71	-6.86	16.70	0.047	3.000	Pass
			RB1#13	23.52	-4.71	-6.86	16.66	0.046	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenn a Gain (dBi)	Antenn a Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
10 MHz			RB1#24	23.52	-4.71	-6.86	16.66	0.046	3.000	Pass
			RB12#0	22.54	-4.71	-6.86	15.68	0.037	3.000	Pass
			RB12#6	22.5	-4.71	-6.86	15.64	0.037	3.000	Pass
			RB12#13	22.55	-4.71	-6.86	15.69	0.037	3.000	Pass
			RB25#0	22.41	-4.71	-6.86	15.55	0.036	3.000	Pass
	LCH	QPSK	RB1#0	24.54	-4.71	-6.86	17.68	0.059	3.000	Pass
			RB1#25	24.38	-4.71	-6.86	17.52	0.056	3.000	Pass
			RB1#49	24.51	-4.71	-6.86	17.65	0.058	3.000	Pass
			RB25#0	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass
			RB25#13	23.49	-4.71	-6.86	16.63	0.046	3.000	Pass
			RB25#25	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
			RB50#0	23.48	-4.71	-6.86	16.62	0.046	3.000	Pass
		16-QAM	RB1#0	23.59	-4.71	-6.86	16.73	0.047	3.000	Pass
			RB1#25	23.38	-4.71	-6.86	16.52	0.045	3.000	Pass
			RB1#49	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
			RB25#0	22.46	-4.71	-6.86	15.60	0.036	3.000	Pass
			RB25#13	22.48	-4.71	-6.86	15.62	0.036	3.000	Pass
			RB25#25	22.47	-4.71	-6.86	15.61	0.036	3.000	Pass
			RB50#0	22.38	-4.71	-6.86	15.52	0.036	3.000	Pass
	MCH	QPSK	RB1#0	24.54	-4.71	-6.86	17.68	0.059	3.000	Pass
			RB1#25	24.38	-4.71	-6.86	17.52	0.056	3.000	Pass
			RB1#49	24.46	-4.71	-6.86	17.60	0.058	3.000	Pass
			RB25#0	23.4	-4.71	-6.86	16.54	0.045	3.000	Pass
			RB25#13	23.51	-4.71	-6.86	16.65	0.046	3.000	Pass
			RB25#25	23.41	-4.71	-6.86	16.55	0.045	3.000	Pass
			RB50#0	23.52	-4.71	-6.86	16.66	0.046	3.000	Pass
		16-QAM	RB1#0	23.86	-4.71	-6.86	17.00	0.050	3.000	Pass
			RB1#25	23.69	-4.71	-6.86	16.83	0.048	3.000	Pass
			RB1#49	23.87	-4.71	-6.86	17.01	0.050	3.000	Pass
			RB25#0	22.44	-4.71	-6.86	15.58	0.036	3.000	Pass
			RB25#13	22.51	-4.71	-6.86	15.65	0.037	3.000	Pass
			RB25#25	22.44	-4.71	-6.86	15.58	0.036	3.000	Pass
			RB50#0	22.5	-4.71	-6.86	15.64	0.037	3.000	Pass
	HCH	QPSK	RB1#0	24.47	-4.71	-6.86	17.61	0.058	3.000	Pass
			RB1#25	24.28	-4.71	-6.86	17.42	0.055	3.000	Pass
			RB1#49	24.39	-4.71	-6.86	17.53	0.057	3.000	Pass
			RB25#0	23.34	-4.71	-6.86	16.48	0.044	3.000	Pass
			RB25#13	23.44	-4.71	-6.86	16.58	0.045	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenn a Gain (dBi)	Antenn a Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
			RB25#25	23.38	-4.71	-6.86	16.52	0.045	3.000	Pass
			RB50#0	23.45	-4.71	-6.86	16.59	0.046	3.000	Pass
		16-QAM	RB1#0	23.49	-4.71	-6.86	16.63	0.046	3.000	Pass
			RB1#25	23.31	-4.71	-6.86	16.45	0.044	3.000	Pass
			RB1#49	23.57	-4.71	-6.86	16.71	0.047	3.000	Pass
			RB25#0	22.52	-4.71	-6.86	15.66	0.037	3.000	Pass
			RB25#13	22.52	-4.71	-6.86	15.66	0.037	3.000	Pass
			RB25#25	22.44	-4.71	-6.86	15.58	0.036	3.000	Pass
			RB50#0	22.47	-4.71	-6.86	15.61	0.036	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 22)										
1.4 MHz	LCH	QPSK	RB1#0	24.75	-5.65	-7.8	16.95	0.050	7.000	Pass
			RB1#3	24.77	-5.65	-7.8	16.97	0.050	7.000	Pass
			RB1#5	24.77	-5.65	-7.8	16.97	0.050	7.000	Pass
			RB3#0	24.69	-5.65	-7.8	16.89	0.049	7.000	Pass
			RB3#2	24.75	-5.65	-7.8	16.95	0.050	7.000	Pass
			RB3#3	24.75	-5.65	-7.8	16.95	0.050	7.000	Pass
			RB6#0	23.76	-5.65	-7.8	15.96	0.039	7.000	Pass
		16-QAM	RB1#0	23.83	-5.65	-7.8	16.03	0.040	7.000	Pass
			RB1#3	23.9	-5.65	-7.8	16.10	0.041	7.000	Pass
			RB1#5	23.88	-5.65	-7.8	16.08	0.041	7.000	Pass
			RB3#0	23.77	-5.65	-7.8	15.97	0.040	7.000	Pass
			RB3#2	23.82	-5.65	-7.8	16.02	0.040	7.000	Pass
			RB3#3	23.83	-5.65	-7.8	16.03	0.040	7.000	Pass
			RB6#0	22.9	-5.65	-7.8	15.10	0.032	7.000	Pass
	MCH	QPSK	RB1#0	24.91	-5.65	-7.8	17.11	0.051	7.000	Pass
			RB1#3	24.96	-5.65	-7.8	17.16	0.052	7.000	Pass
			RB1#5	24.92	-5.65	-7.8	17.12	0.052	7.000	Pass
			RB3#0	24.86	-5.65	-7.8	17.06	0.051	7.000	Pass
			RB3#2	24.9	-5.65	-7.8	17.10	0.051	7.000	Pass
			RB3#3	24.85	-5.65	-7.8	17.05	0.051	7.000	Pass
			RB6#0	23.93	-5.65	-7.8	16.13	0.041	7.000	Pass
		16-QAM	RB1#0	24.38	-5.65	-7.8	16.58	0.045	7.000	Pass
			RB1#3	24.4	-5.65	-7.8	16.60	0.046	7.000	Pass
			RB1#5	24.29	-5.65	-7.8	16.49	0.045	7.000	Pass
			RB3#0	24.13	-5.65	-7.8	16.33	0.043	7.000	Pass
			RB3#2	24.15	-5.65	-7.8	16.35	0.043	7.000	Pass
			RB3#3	24.05	-5.65	-7.8	16.25	0.042	7.000	Pass
			RB6#0	22.84	-5.65	-7.8	15.04	0.032	7.000	Pass
	HCH	QPSK	RB1#0	24.52	-5.65	-7.8	16.72	0.047	7.000	Pass
			RB1#3	24.48	-5.65	-7.8	16.68	0.047	7.000	Pass
			RB1#5	24.48	-5.65	-7.8	16.68	0.047	7.000	Pass
			RB3#0	24.35	-5.65	-7.8	16.55	0.045	7.000	Pass
			RB3#2	24.47	-5.65	-7.8	16.67	0.046	7.000	Pass
			RB3#3	24.35	-5.65	-7.8	16.55	0.045	7.000	Pass
			RB6#0	23.42	-5.65	-7.8	15.62	0.036	7.000	Pass
		16-QAM	RB1#0	23.6	-5.65	-7.8	15.80	0.038	7.000	Pass
			RB1#3	23.45	-5.65	-7.8	15.65	0.037	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 22)										
3 MHz			RB1#5	23.25	-5.65	-7.8	15.45	0.035	7.000	Pass
			RB3#0	23.55	-5.65	-7.8	15.75	0.038	7.000	Pass
			RB3#2	23.72	-5.65	-7.8	15.92	0.039	7.000	Pass
			RB3#3	23.31	-5.65	-7.8	15.51	0.036	7.000	Pass
			RB6#0	22.53	-5.65	-7.8	14.73	0.030	7.000	Pass
	LCH	QPSK	RB1#0	24.7	-5.65	-7.8	16.90	0.049	7.000	Pass
			RB1#7	24.75	-5.65	-7.8	16.95	0.050	7.000	Pass
			RB1#14	24.78	-5.65	-7.8	16.98	0.050	7.000	Pass
			RB8#0	23.78	-5.65	-7.8	15.98	0.040	7.000	Pass
			RB8#4	23.73	-5.65	-7.8	15.93	0.039	7.000	Pass
			RB8#7	23.77	-5.65	-7.8	15.97	0.040	7.000	Pass
			RB15#0	23.78	-5.65	-7.8	15.98	0.040	7.000	Pass
		16-QAM	RB1#0	23.63	-5.65	-7.8	15.83	0.038	7.000	Pass
			RB1#7	23.68	-5.65	-7.8	15.88	0.039	7.000	Pass
			RB1#14	23.73	-5.65	-7.8	15.93	0.039	7.000	Pass
			RB8#0	22.86	-5.65	-7.8	15.06	0.032	7.000	Pass
			RB8#4	22.84	-5.65	-7.8	15.04	0.032	7.000	Pass
			RB8#7	22.83	-5.65	-7.8	15.03	0.032	7.000	Pass
			RB15#0	22.84	-5.65	-7.8	15.04	0.032	7.000	Pass
	MCH	QPSK	RB1#0	25	-5.65	-7.8	17.20	0.052	7.000	Pass
			RB1#7	25.04	-5.65	-7.8	17.24	0.053	7.000	Pass
			RB1#14	24.96	-5.65	-7.8	17.16	0.052	7.000	Pass
			RB8#0	23.98	-5.65	-7.8	16.18	0.041	7.000	Pass
			RB8#4	23.96	-5.65	-7.8	16.16	0.041	7.000	Pass
			RB8#7	23.94	-5.65	-7.8	16.14	0.041	7.000	Pass
			RB15#0	23.97	-5.65	-7.8	16.17	0.041	7.000	Pass
		16-QAM	RB1#0	24.33	-5.65	-7.8	16.53	0.045	7.000	Pass
			RB1#7	24.32	-5.65	-7.8	16.52	0.045	7.000	Pass
			RB1#14	24.39	-5.65	-7.8	16.59	0.046	7.000	Pass
			RB8#0	23.05	-5.65	-7.8	15.25	0.033	7.000	Pass
			RB8#4	23.03	-5.65	-7.8	15.23	0.033	7.000	Pass
			RB8#7	22.99	-5.65	-7.8	15.19	0.033	7.000	Pass
			RB15#0	22.96	-5.65	-7.8	15.16	0.033	7.000	Pass
	HCH	QPSK	RB1#0	24.53	-5.65	-7.8	16.73	0.047	7.000	Pass
			RB1#7	24.55	-5.65	-7.8	16.75	0.047	7.000	Pass
			RB1#14	24.26	-5.65	-7.8	16.46	0.044	7.000	Pass
			RB8#0	23.51	-5.65	-7.8	15.71	0.037	7.000	Pass
			RB8#4	23.61	-5.65	-7.8	15.81	0.038	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 22)										
		16-QAM	RB8#7	23.5	-5.65	-7.8	15.70	0.037	7.000	Pass
			RB15#0	23.49	-5.65	-7.8	15.69	0.037	7.000	Pass
			RB1#0	23.63	-5.65	-7.8	15.83	0.038	7.000	Pass
			RB1#7	23.45	-5.65	-7.8	15.65	0.037	7.000	Pass
			RB1#14	23.38	-5.65	-7.8	15.58	0.036	7.000	Pass
			RB8#0	22.59	-5.65	-7.8	14.79	0.030	7.000	Pass
			RB8#4	22.58	-5.65	-7.8	14.78	0.030	7.000	Pass
			RB8#7	22.52	-5.65	-7.8	14.72	0.030	7.000	Pass
			RB15#0	22.46	-5.65	-7.8	14.66	0.029	7.000	Pass
5 MHz	LCH	QPSK	RB1#0	24.76	-5.65	-7.8	16.96	0.050	7.000	Pass
			RB1#13	24.88	-5.65	-7.8	17.08	0.051	7.000	Pass
			RB1#24	24.89	-5.65	-7.8	17.09	0.051	7.000	Pass
			RB12#0	23.84	-5.65	-7.8	16.04	0.040	7.000	Pass
			RB12#6	23.83	-5.65	-7.8	16.03	0.040	7.000	Pass
			RB12#13	23.79	-5.65	-7.8	15.99	0.040	7.000	Pass
			RB25#0	23.83	-5.65	-7.8	16.03	0.040	7.000	Pass
		16-QAM	RB1#0	23.97	-5.65	-7.8	16.17	0.041	7.000	Pass
			RB1#13	24.06	-5.65	-7.8	16.26	0.042	7.000	Pass
			RB1#24	24.07	-5.65	-7.8	16.27	0.042	7.000	Pass
			RB12#0	22.9	-5.65	-7.8	15.10	0.032	7.000	Pass
			RB12#6	22.92	-5.65	-7.8	15.12	0.033	7.000	Pass
			RB12#13	22.88	-5.65	-7.8	15.08	0.032	7.000	Pass
			RB25#0	22.81	-5.65	-7.8	15.01	0.032	7.000	Pass
	MCH	QPSK	RB1#0	25	-5.65	-7.8	17.20	0.052	7.000	Pass
			RB1#13	24.93	-5.65	-7.8	17.13	0.052	7.000	Pass
			RB1#24	24.95	-5.65	-7.8	17.15	0.052	7.000	Pass
			RB12#0	23.98	-5.65	-7.8	16.18	0.041	7.000	Pass
			RB12#6	23.96	-5.65	-7.8	16.16	0.041	7.000	Pass
			RB12#13	24.04	-5.65	-7.8	16.24	0.042	7.000	Pass
			RB25#0	23.96	-5.65	-7.8	16.16	0.041	7.000	Pass
		16-QAM	RB1#0	24.54	-5.65	-7.8	16.74	0.047	7.000	Pass
			RB1#13	24.54	-5.65	-7.8	16.74	0.047	7.000	Pass
			RB1#24	24.53	-5.65	-7.8	16.73	0.047	7.000	Pass
			RB12#0	23.09	-5.65	-7.8	15.29	0.034	7.000	Pass
			RB12#6	23.09	-5.65	-7.8	15.29	0.034	7.000	Pass
			RB12#13	23.14	-5.65	-7.8	15.34	0.034	7.000	Pass
			RB25#0	23.02	-5.65	-7.8	15.22	0.033	7.000	Pass
	HCH	QPSK	RB1#0	24.81	-5.65	-7.8	17.01	0.050	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 22)										
			RB1#13	24.56	-5.65	-7.8	16.76	0.047	7.000	Pass
			RB1#24	24.3	-5.65	-7.8	16.50	0.045	7.000	Pass
			RB12#0	23.67	-5.65	-7.8	15.87	0.039	7.000	Pass
			RB12#6	23.58	-5.65	-7.8	15.78	0.038	7.000	Pass
			RB12#13	23.51	-5.65	-7.8	15.71	0.037	7.000	Pass
			RB25#0	23.61	-5.65	-7.8	15.81	0.038	7.000	Pass
		16-QAM	RB1#0	23.83	-5.65	-7.8	16.03	0.040	7.000	Pass
			RB1#13	23.61	-5.65	-7.8	15.81	0.038	7.000	Pass
			RB1#24	23.44	-5.65	-7.8	15.64	0.037	7.000	Pass
			RB12#0	22.75	-5.65	-7.8	14.95	0.031	7.000	Pass
			RB12#6	22.64	-5.65	-7.8	14.84	0.030	7.000	Pass
			RB12#13	22.55	-5.65	-7.8	14.75	0.030	7.000	Pass
			RB25#0	22.55	-5.65	-7.8	14.75	0.030	7.000	Pass
10 MHz	MCH	QPSK	RB1#0	24.98	-5.65	-7.8	17.18	0.052	7.000	Pass
			RB1#25	24.88	-5.65	-7.8	17.08	0.051	7.000	Pass
			RB1#49	25.16	-5.65	-7.8	17.36	0.054	7.000	Pass
			RB25#0	23.85	-5.65	-7.8	16.05	0.040	7.000	Pass
			RB25#13	23.94	-5.65	-7.8	16.14	0.041	7.000	Pass
			RB25#25	24.05	-5.65	-7.8	16.25	0.042	7.000	Pass
			RB50#0	23.93	-5.65	-7.8	16.13	0.041	7.000	Pass
		16-QAM	RB1#0	23.88	-5.65	-7.8	16.08	0.041	7.000	Pass
			RB1#25	23.82	-5.65	-7.8	16.02	0.040	7.000	Pass
			RB1#49	24.09	-5.65	-7.8	16.29	0.043	7.000	Pass
			RB25#0	22.82	-5.65	-7.8	15.02	0.032	7.000	Pass
			RB25#13	22.89	-5.65	-7.8	15.09	0.032	7.000	Pass
			RB25#25	23.01	-5.65	-7.8	15.21	0.033	7.000	Pass
			RB50#0	22.89	-5.65	-7.8	15.09	0.032	7.000	Pass
	MCH	QPSK	RB1#0	25.08	-5.65	-7.8	17.28	0.053	7.000	Pass
			RB1#25	24.93	-5.65	-7.8	17.13	0.052	7.000	Pass
			RB1#49	25.35	-5.65	-7.8	17.55	0.057	7.000	Pass
			RB25#0	24	-5.65	-7.8	16.20	0.042	7.000	Pass
			RB25#13	23.98	-5.65	-7.8	16.18	0.041	7.000	Pass
			RB25#25	24.04	-5.65	-7.8	16.24	0.042	7.000	Pass
			RB50#0	23.94	-5.65	-7.8	16.14	0.041	7.000	Pass
		16-QAM	RB1#0	24.5	-5.65	-7.8	16.70	0.047	7.000	Pass
			RB1#25	24.36	-5.65	-7.8	16.56	0.045	7.000	Pass
			RB1#49	24.74	-5.65	-7.8	16.94	0.049	7.000	Pass
			RB25#0	23.03	-5.65	-7.8	15.23	0.033	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 22)										
	HCH		RB25#13	23.01	-5.65	-7.8	15.21	0.033	7.000	Pass
			RB25#25	23.07	-5.65	-7.8	15.27	0.034	7.000	Pass
			RB50#0	22.99	-5.65	-7.8	15.19	0.033	7.000	Pass
		QPSK	RB1#0	24.99	-5.65	-7.8	17.19	0.052	7.000	Pass
			RB1#25	24.7	-5.65	-7.8	16.90	0.049	7.000	Pass
			RB1#49	24.54	-5.65	-7.8	16.74	0.047	7.000	Pass
			RB25#0	23.87	-5.65	-7.8	16.07	0.040	7.000	Pass
			RB25#13	23.84	-5.65	-7.8	16.04	0.040	7.000	Pass
			RB25#25	23.71	-5.65	-7.8	15.91	0.039	7.000	Pass
			RB50#0	23.85	-5.65	-7.8	16.05	0.040	7.000	Pass
		16-QAM	RB1#0	24.14	-5.65	-7.8	16.34	0.043	7.000	Pass
			RB1#25	23.71	-5.65	-7.8	15.91	0.039	7.000	Pass
			RB1#49	23.61	-5.65	-7.8	15.81	0.038	7.000	Pass
			RB25#0	22.94	-5.65	-7.8	15.14	0.033	7.000	Pass
			RB25#13	22.9	-5.65	-7.8	15.10	0.032	7.000	Pass
			RB25#25	22.74	-5.65	-7.8	14.94	0.031	7.000	Pass
			RB50#0	22.85	-5.65	-7.8	15.05	0.032	7.000	Pass
15 MHz	LCH	QPSK	RB1#0	24.61	-5.65	-7.8	16.81	0.048	7.000	Pass
			RB1#38	24.56	-5.65	-7.8	16.76	0.047	7.000	Pass
			RB1#74	25.03	-5.65	-7.8	17.23	0.053	7.000	Pass
			RB36#0	23.61	-5.65	-7.8	15.81	0.038	7.000	Pass
			RB36#19	23.59	-5.65	-7.8	15.79	0.038	7.000	Pass
			RB36#39	23.49	-5.65	-7.8	15.69	0.037	7.000	Pass
			RB75#0	23.62	-5.65	-7.8	15.82	0.038	7.000	Pass
		16-QAM	RB1#0	23.51	-5.65	-7.8	15.71	0.037	7.000	Pass
			RB1#38	23.48	-5.65	-7.8	15.68	0.037	7.000	Pass
			RB1#74	23.95	-5.65	-7.8	16.15	0.041	7.000	Pass
			RB36#0	22.62	-5.65	-7.8	14.82	0.030	7.000	Pass
			RB36#19	22.54	-5.65	-7.8	14.74	0.030	7.000	Pass
			RB36#39	22.48	-5.65	-7.8	14.68	0.029	7.000	Pass
			RB75#0	22.61	-5.65	-7.8	14.81	0.030	7.000	Pass
	MCH	QPSK	RB1#0	24.55	-5.65	-7.8	16.75	0.047	7.000	Pass
			RB1#38	24.5	-5.65	-7.8	16.70	0.047	7.000	Pass
			RB1#74	24.63	-5.65	-7.8	16.83	0.048	7.000	Pass
			RB36#0	23.74	-5.65	-7.8	15.94	0.039	7.000	Pass
			RB36#19	23.63	-5.65	-7.8	15.83	0.038	7.000	Pass
			RB36#39	23.46	-5.65	-7.8	15.66	0.037	7.000	Pass
			RB75#0	23.59	-5.65	-7.8	15.79	0.038	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 22)										
		16-QAM	RB1#0	24.06	-5.65	-7.8	16.26	0.042	7.000	Pass
			RB1#38	23.93	-5.65	-7.8	16.13	0.041	7.000	Pass
			RB1#74	24.26	-5.65	-7.8	16.46	0.044	7.000	Pass
			RB36#0	22.74	-5.65	-7.8	14.94	0.031	7.000	Pass
			RB36#19	22.63	-5.65	-7.8	14.83	0.030	7.000	Pass
			RB36#39	22.45	-5.65	-7.8	14.65	0.029	7.000	Pass
			RB75#0	22.58	-5.65	-7.8	14.78	0.030	7.000	Pass
	HCH	QPSK	RB1#0	24.62	-5.65	-7.8	16.82	0.048	7.000	Pass
			RB1#38	24.4	-5.65	-7.8	16.60	0.046	7.000	Pass
			RB1#74	24.46	-5.65	-7.8	16.66	0.046	7.000	Pass
			RB36#0	23.72	-5.65	-7.8	15.92	0.039	7.000	Pass
			RB36#19	23.44	-5.65	-7.8	15.64	0.037	7.000	Pass
			RB36#39	23.12	-5.65	-7.8	15.32	0.034	7.000	Pass
			RB75#0	23.45	-5.65	-7.8	15.65	0.037	7.000	Pass
		16-QAM	RB1#0	24.04	-5.65	-7.8	16.24	0.042	7.000	Pass
			RB1#38	23.86	-5.65	-7.8	16.06	0.040	7.000	Pass
			RB1#74	23.73	-5.65	-7.8	15.93	0.039	7.000	Pass
			RB36#0	22.65	-5.65	-7.8	14.85	0.031	7.000	Pass
			RB36#19	22.37	-5.65	-7.8	14.57	0.029	7.000	Pass
			RB36#39	22.15	-5.65	-7.8	14.35	0.027	7.000	Pass
			RB75#0	22.45	-5.65	-7.8	14.65	0.029	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 90)										
1.4 MHz	LCH	QPSK	RB1#0	24.75	-5.9	-8.05	16.70	0.047	100.000	Pass
			RB1#3	24.79	-5.9	-8.05	16.74	0.047	100.000	Pass
			RB1#5	24.65	-5.9	-8.05	16.60	0.046	100.000	Pass
			RB3#0	24.72	-5.9	-8.05	16.67	0.046	100.000	Pass
			RB3#2	24.74	-5.9	-8.05	16.69	0.047	100.000	Pass
			RB3#3	24.68	-5.9	-8.05	16.63	0.046	100.000	Pass
			RB6#0	23.72	-5.9	-8.05	15.67	0.037	100.000	Pass
		16-QAM	RB1#0	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass
			RB1#3	23.87	-5.9	-8.05	15.82	0.038	100.000	Pass
			RB1#5	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
			RB3#0	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
			RB3#2	23.74	-5.9	-8.05	15.69	0.037	100.000	Pass
			RB3#3	23.74	-5.9	-8.05	15.69	0.037	100.000	Pass
			RB6#0	22.91	-5.9	-8.05	14.86	0.031	100.000	Pass
	MCH	QPSK	RB1#0	24.71	-5.9	-8.05	16.66	0.046	100.000	Pass
			RB1#3	24.56	-5.9	-8.05	16.51	0.045	100.000	Pass
			RB1#5	24.58	-5.9	-8.05	16.53	0.045	100.000	Pass
			RB3#0	24.58	-5.9	-8.05	16.53	0.045	100.000	Pass
			RB3#2	24.65	-5.9	-8.05	16.60	0.046	100.000	Pass
			RB3#3	24.61	-5.9	-8.05	16.56	0.045	100.000	Pass
			RB6#0	23.64	-5.9	-8.05	15.59	0.036	100.000	Pass
		16-QAM	RB1#0	24.08	-5.9	-8.05	16.03	0.040	100.000	Pass
			RB1#3	24.28	-5.9	-8.05	16.23	0.042	100.000	Pass
			RB1#5	24.09	-5.9	-8.05	16.04	0.040	100.000	Pass
			RB3#0	24.01	-5.9	-8.05	15.96	0.039	100.000	Pass
			RB3#2	23.88	-5.9	-8.05	15.83	0.038	100.000	Pass
			RB3#3	23.78	-5.9	-8.05	15.73	0.037	100.000	Pass
			RB6#0	22.53	-5.9	-8.05	14.48	0.028	100.000	Pass
	HCH	QPSK	RB1#0	24.64	-5.9	-8.05	16.59	0.046	100.000	Pass
			RB1#3	24.99	-5.9	-8.05	16.94	0.049	100.000	Pass
			RB1#5	24.55	-5.9	-8.05	16.50	0.045	100.000	Pass
			RB3#0	24.64	-5.9	-8.05	16.59	0.046	100.000	Pass
			RB3#2	24.69	-5.9	-8.05	16.64	0.046	100.000	Pass
			RB3#3	24.69	-5.9	-8.05	16.64	0.046	100.000	Pass
			RB6#0	23.69	-5.9	-8.05	15.64	0.037	100.000	Pass
		16-QAM	RB1#0	23.66	-5.9	-8.05	15.61	0.036	100.000	Pass
			RB1#3	23.73	-5.9	-8.05	15.68	0.037	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 90)										
3 MHz			RB1#5	23.66	-5.9	-8.05	15.61	0.036	100.000	Pass
			RB3#0	23.86	-5.9	-8.05	15.81	0.038	100.000	Pass
			RB3#2	24.02	-5.9	-8.05	15.97	0.040	100.000	Pass
			RB3#3	23.81	-5.9	-8.05	15.76	0.038	100.000	Pass
			RB6#0	22.86	-5.9	-8.05	14.81	0.030	100.000	Pass
	LCH	QPSK	RB1#0	24.86	-5.9	-8.05	16.81	0.048	100.000	Pass
			RB1#7	24.81	-5.9	-8.05	16.76	0.047	100.000	Pass
			RB1#14	24.76	-5.9	-8.05	16.71	0.047	100.000	Pass
			RB8#0	23.83	-5.9	-8.05	15.78	0.038	100.000	Pass
			RB8#4	23.73	-5.9	-8.05	15.68	0.037	100.000	Pass
			RB8#7	23.74	-5.9	-8.05	15.69	0.037	100.000	Pass
			RB15#0	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
		16-QAM	RB1#0	23.73	-5.9	-8.05	15.68	0.037	100.000	Pass
			RB1#7	23.65	-5.9	-8.05	15.60	0.036	100.000	Pass
			RB1#14	23.58	-5.9	-8.05	15.53	0.036	100.000	Pass
			RB8#0	22.92	-5.9	-8.05	14.87	0.031	100.000	Pass
			RB8#4	22.89	-5.9	-8.05	14.84	0.030	100.000	Pass
			RB8#7	22.78	-5.9	-8.05	14.73	0.030	100.000	Pass
			RB15#0	22.75	-5.9	-8.05	14.70	0.030	100.000	Pass
	MCH	QPSK	RB1#0	24.58	-5.9	-8.05	16.53	0.045	100.000	Pass
			RB1#7	24.71	-5.9	-8.05	16.66	0.046	100.000	Pass
			RB1#14	24.62	-5.9	-8.05	16.57	0.045	100.000	Pass
			RB8#0	23.7	-5.9	-8.05	15.65	0.037	100.000	Pass
			RB8#4	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass
			RB8#7	23.64	-5.9	-8.05	15.59	0.036	100.000	Pass
			RB15#0	23.74	-5.9	-8.05	15.69	0.037	100.000	Pass
		16-QAM	RB1#0	24.09	-5.9	-8.05	16.04	0.040	100.000	Pass
			RB1#7	24.16	-5.9	-8.05	16.11	0.041	100.000	Pass
			RB1#14	24.12	-5.9	-8.05	16.07	0.040	100.000	Pass
			RB8#0	22.76	-5.9	-8.05	14.71	0.030	100.000	Pass
			RB8#4	22.8	-5.9	-8.05	14.75	0.030	100.000	Pass
			RB8#7	22.69	-5.9	-8.05	14.64	0.029	100.000	Pass
			RB15#0	22.73	-5.9	-8.05	14.68	0.029	100.000	Pass
	HCH	QPSK	RB1#0	24.81	-5.9	-8.05	16.76	0.047	100.000	Pass
			RB1#7	24.76	-5.9	-8.05	16.71	0.047	100.000	Pass
			RB1#14	24.64	-5.9	-8.05	16.59	0.046	100.000	Pass
			RB8#0	23.66	-5.9	-8.05	15.61	0.036	100.000	Pass
			RB8#4	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 90)										
5 MHz		16-QAM	RB8#7	23.72	-5.9	-8.05	15.67	0.037	100.000	Pass
			RB15#0	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
			RB1#0	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
			RB1#7	23.76	-5.9	-8.05	15.71	0.037	100.000	Pass
			RB1#14	23.63	-5.9	-8.05	15.58	0.036	100.000	Pass
			RB8#0	22.73	-5.9	-8.05	14.68	0.029	100.000	Pass
			RB8#4	22.78	-5.9	-8.05	14.73	0.030	100.000	Pass
			RB8#7	22.8	-5.9	-8.05	14.75	0.030	100.000	Pass
			RB15#0	22.69	-5.9	-8.05	14.64	0.029	100.000	Pass
	LCH	QPSK	RB1#0	24.89	-5.9	-8.05	16.84	0.048	100.000	Pass
			RB1#13	24.77	-5.9	-8.05	16.72	0.047	100.000	Pass
			RB1#24	24.65	-5.9	-8.05	16.60	0.046	100.000	Pass
			RB12#0	23.73	-5.9	-8.05	15.68	0.037	100.000	Pass
			RB12#6	23.8	-5.9	-8.05	15.75	0.038	100.000	Pass
			RB12#13	23.7	-5.9	-8.05	15.65	0.037	100.000	Pass
			RB25#0	23.79	-5.9	-8.05	15.74	0.037	100.000	Pass
		16-QAM	RB1#0	23.96	-5.9	-8.05	15.91	0.039	100.000	Pass
			RB1#13	23.97	-5.9	-8.05	15.92	0.039	100.000	Pass
			RB1#24	23.92	-5.9	-8.05	15.87	0.039	100.000	Pass
			RB12#0	22.82	-5.9	-8.05	14.77	0.030	100.000	Pass
			RB12#6	22.86	-5.9	-8.05	14.81	0.030	100.000	Pass
			RB12#13	22.77	-5.9	-8.05	14.72	0.030	100.000	Pass
			RB25#0	22.82	-5.9	-8.05	14.77	0.030	100.000	Pass
	MCH	QPSK	RB1#0	24.76	-5.9	-8.05	16.71	0.047	100.000	Pass
			RB1#13	24.65	-5.9	-8.05	16.60	0.046	100.000	Pass
			RB1#24	24.71	-5.9	-8.05	16.66	0.046	100.000	Pass
			RB12#0	23.72	-5.9	-8.05	15.67	0.037	100.000	Pass
			RB12#6	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass
			RB12#13	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
			RB25#0	23.77	-5.9	-8.05	15.72	0.037	100.000	Pass
		16-QAM	RB1#0	24.24	-5.9	-8.05	16.19	0.042	100.000	Pass
			RB1#13	24.2	-5.9	-8.05	16.15	0.041	100.000	Pass
			RB1#24	24.19	-5.9	-8.05	16.14	0.041	100.000	Pass
			RB12#0	22.83	-5.9	-8.05	14.78	0.030	100.000	Pass
			RB12#6	22.88	-5.9	-8.05	14.83	0.030	100.000	Pass
			RB12#13	22.85	-5.9	-8.05	14.80	0.030	100.000	Pass
			RB25#0	22.77	-5.9	-8.05	14.72	0.030	100.000	Pass
	HCH	QPSK	RB1#0	24.65	-5.9	-8.05	16.60	0.046	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part 90)										
			RB1#13	24.63	-5.9	-8.05	16.58	0.045	100.000	Pass
			RB1#24	24.71	-5.9	-8.05	16.66	0.046	100.000	Pass
			RB12#0	23.71	-5.9	-8.05	15.66	0.037	100.000	Pass
			RB12#6	23.72	-5.9	-8.05	15.67	0.037	100.000	Pass
			RB12#13	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass
			RB25#0	23.69	-5.9	-8.05	15.64	0.037	100.000	Pass
		16-QAM	RB1#0	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass
			RB1#13	23.75	-5.9	-8.05	15.70	0.037	100.000	Pass
			RB1#24	23.88	-5.9	-8.05	15.83	0.038	100.000	Pass
			RB12#0	22.79	-5.9	-8.05	14.74	0.030	100.000	Pass
			RB12#6	22.73	-5.9	-8.05	14.68	0.029	100.000	Pass
			RB12#13	22.83	-5.9	-8.05	14.78	0.030	100.000	Pass
			RB25#0	22.66	-5.9	-8.05	14.61	0.029	100.000	Pass
10 MHz	MCH	QPSK	RB1#0	25.08	-5.9	-8.05	17.03	0.050	100.000	Pass
			RB1#25	24.65	-5.9	-8.05	16.60	0.046	100.000	Pass
			RB1#49	24.99	-5.9	-8.05	16.94	0.049	100.000	Pass
			RB25#0	23.82	-5.9	-8.05	15.77	0.038	100.000	Pass
			RB25#13	23.81	-5.9	-8.05	15.76	0.038	100.000	Pass
			RB25#25	23.82	-5.9	-8.05	15.77	0.038	100.000	Pass
			RB50#0	23.85	-5.9	-8.05	15.80	0.038	100.000	Pass
		16-QAM	RB1#0	23.96	-5.9	-8.05	15.91	0.039	100.000	Pass
			RB1#25	23.64	-5.9	-8.05	15.59	0.036	100.000	Pass
			RB1#49	23.9	-5.9	-8.05	15.85	0.038	100.000	Pass
			RB25#0	22.82	-5.9	-8.05	14.77	0.030	100.000	Pass
			RB25#13	22.83	-5.9	-8.05	14.78	0.030	100.000	Pass
			RB25#25	22.83	-5.9	-8.05	14.78	0.030	100.000	Pass
			RB50#0	22.81	-5.9	-8.05	14.76	0.030	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
5 MHz	LCH	QPSK	RB1#0	24.56	1.2	25.76	0.377	2.00	Pass
			RB1#13	24.6	1.2	25.80	0.380	2.00	Pass
			RB1#24	24.32	1.2	25.52	0.356	2.00	Pass
			RB12#0	23.38	1.2	24.58	0.287	2.00	Pass
			RB12#6	23.43	1.2	24.63	0.290	2.00	Pass
			RB12#13	23.46	1.2	24.66	0.292	2.00	Pass
			RB25#0	23.49	1.2	24.69	0.294	2.00	Pass
		16-QAM	RB1#0	23.67	1.2	24.87	0.307	2.00	Pass
			RB1#13	23.8	1.2	25.00	0.316	2.00	Pass
			RB1#24	23.42	1.2	24.62	0.290	2.00	Pass
			RB12#0	22.39	1.2	23.59	0.229	2.00	Pass
			RB12#6	22.55	1.2	23.75	0.237	2.00	Pass
			RB12#13	22.47	1.2	23.67	0.233	2.00	Pass
			RB25#0	22.53	1.2	23.73	0.236	2.00	Pass
	MCH	QPSK	RB1#0	24.49	1.2	25.69	0.371	2.00	Pass
			RB1#13	24.5	1.2	25.70	0.372	2.00	Pass
			RB1#24	24.42	1.2	25.62	0.365	2.00	Pass
			RB12#0	23.45	1.2	24.65	0.292	2.00	Pass
			RB12#6	23.53	1.2	24.73	0.297	2.00	Pass
			RB12#13	23.53	1.2	24.73	0.297	2.00	Pass
			RB25#0	23.57	1.2	24.77	0.300	2.00	Pass
		16-QAM	RB1#0	23.78	1.2	24.98	0.315	2.00	Pass
			RB1#13	23.81	1.2	25.01	0.317	2.00	Pass
			RB1#24	23.5	1.2	24.70	0.295	2.00	Pass
			RB12#0	22.52	1.2	23.72	0.236	2.00	Pass
			RB12#6	22.57	1.2	23.77	0.238	2.00	Pass
			RB12#13	22.43	1.2	23.63	0.231	2.00	Pass
			RB25#0	22.54	1.2	23.74	0.237	2.00	Pass
	HCH	QPSK	RB1#0	24.37	1.2	25.57	0.361	2.00	Pass
			RB1#13	24.48	1.2	25.68	0.370	2.00	Pass
			RB1#24	24.47	1.2	25.67	0.369	2.00	Pass
			RB12#0	23.59	1.2	24.79	0.301	2.00	Pass
			RB12#6	23.43	1.2	24.63	0.290	2.00	Pass
			RB12#13	23.61	1.2	24.81	0.303	2.00	Pass
			RB25#0	23.38	1.2	24.58	0.287	2.00	Pass
		16-QAM	RB1#0	23.73	1.2	24.93	0.311	2.00	Pass
			RB1#13	23.98	1.2	25.18	0.330	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
10 MHz			RB1#24	23.63	1.2	24.83	0.304	2.00	Pass
			RB12#0	22.89	1.2	24.09	0.256	2.00	Pass
			RB12#6	22.8	1.2	24.00	0.251	2.00	Pass
			RB12#13	22.68	1.2	23.88	0.244	2.00	Pass
			RB25#0	22.51	1.2	23.71	0.235	2.00	Pass
	LCH	QPSK	RB1#0	24.62	1.2	25.82	0.382	2.00	Pass
			RB1#25	24.54	1.2	25.74	0.375	2.00	Pass
			RB1#49	24.48	1.2	25.68	0.370	2.00	Pass
			RB25#0	23.58	1.2	24.78	0.301	2.00	Pass
			RB25#13	23.45	1.2	24.65	0.292	2.00	Pass
			RB25#25	23.57	1.2	24.77	0.300	2.00	Pass
			RB50#0	23.56	1.2	24.76	0.299	2.00	Pass
		16-QAM	RB1#0	23.83	1.2	25.03	0.318	2.00	Pass
			RB1#25	23.73	1.2	24.93	0.311	2.00	Pass
			RB1#49	23.77	1.2	24.97	0.314	2.00	Pass
			RB25#0	22.6	1.2	23.80	0.240	2.00	Pass
			RB25#13	22.52	1.2	23.72	0.236	2.00	Pass
			RB25#25	22.46	1.2	23.66	0.232	2.00	Pass
			RB50#0	22.54	1.2	23.74	0.237	2.00	Pass
	MCH	QPSK	RB1#0	24.58	1.2	25.78	0.378	2.00	Pass
			RB1#25	24.55	1.2	25.75	0.376	2.00	Pass
			RB1#49	24.41	1.2	25.61	0.364	2.00	Pass
			RB25#0	23.47	1.2	24.67	0.293	2.00	Pass
			RB25#13	23.51	1.2	24.71	0.296	2.00	Pass
			RB25#25	23.62	1.2	24.82	0.303	2.00	Pass
			RB50#0	23.62	1.2	24.82	0.303	2.00	Pass
		16-QAM	RB1#0	24.19	1.2	25.39	0.346	2.00	Pass
			RB1#25	23.99	1.2	25.19	0.330	2.00	Pass
			RB1#49	24.11	1.2	25.31	0.340	2.00	Pass
			RB25#0	22.54	1.2	23.74	0.237	2.00	Pass
			RB25#13	22.41	1.2	23.61	0.230	2.00	Pass
			RB25#25	22.55	1.2	23.75	0.237	2.00	Pass
			RB50#0	22.51	1.2	23.71	0.235	2.00	Pass
	HCH	QPSK	RB1#0	24.6	1.2	25.80	0.380	2.00	Pass
			RB1#25	24.54	1.2	25.74	0.375	2.00	Pass
			RB1#49	24.61	1.2	25.81	0.381	2.00	Pass
			RB25#0	23.66	1.2	24.86	0.306	2.00	Pass
			RB25#13	23.33	1.2	24.53	0.284	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB25#25	23.48	1.2	24.68	0.294	2.00	Pass
			RB50#0	23.52	1.2	24.72	0.296	2.00	Pass
		16-QAM	RB1#0	23.85	1.2	25.05	0.320	2.00	Pass
			RB1#25	24.01	1.2	25.21	0.332	2.00	Pass
			RB1#49	23.89	1.2	25.09	0.323	2.00	Pass
			RB25#0	22.57	1.2	23.77	0.238	2.00	Pass
			RB25#13	22.59	1.2	23.79	0.239	2.00	Pass
			RB25#25	22.6	1.2	23.80	0.240	2.00	Pass
			RB50#0	22.57	1.2	23.77	0.238	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.69	1.2	25.89	0.388	2.00	Pass
			RB1#38	24.68	1.2	25.88	0.387	2.00	Pass
			RB1#74	24.73	1.2	25.93	0.392	2.00	Pass
			RB36#0	23.66	1.2	24.86	0.306	2.00	Pass
			RB36#19	23.74	1.2	24.94	0.312	2.00	Pass
			RB36#39	23.78	1.2	24.98	0.315	2.00	Pass
			RB75#0	23.71	1.2	24.91	0.310	2.00	Pass
		16-QAM	RB1#0	24.1	1.2	25.30	0.339	2.00	Pass
			RB1#38	23.97	1.2	25.17	0.329	2.00	Pass
			RB1#74	24.06	1.2	25.26	0.336	2.00	Pass
			RB36#0	22.77	1.2	23.97	0.249	2.00	Pass
			RB36#19	22.72	1.2	23.92	0.247	2.00	Pass
			RB36#39	22.74	1.2	23.94	0.248	2.00	Pass
			RB75#0	22.78	1.2	23.98	0.250	2.00	Pass
	MCH	QPSK	RB1#0	24.88	1.2	26.08	0.406	2.00	Pass
			RB1#38	25.15	1.2	26.35	0.432	2.00	Pass
			RB1#74	25.04	1.2	26.24	0.421	2.00	Pass
			RB36#0	23.82	1.2	25.02	0.318	2.00	Pass
			RB36#19	23.73	1.2	24.93	0.311	2.00	Pass
			RB36#39	23.72	1.2	24.92	0.310	2.00	Pass
			RB75#0	23.74	1.2	24.94	0.312	2.00	Pass
		16-QAM	RB1#0	24.13	1.2	25.33	0.341	2.00	Pass
			RB1#38	24.15	1.2	25.35	0.343	2.00	Pass
			RB1#74	24.01	1.2	25.21	0.332	2.00	Pass
			RB36#0	22.81	1.2	24.01	0.252	2.00	Pass
			RB36#19	22.76	1.2	23.96	0.249	2.00	Pass
			RB36#39	22.85	1.2	24.05	0.254	2.00	Pass
			RB75#0	22.8	1.2	24.00	0.251	2.00	Pass
	HCH	QPSK	RB1#0	24.94	1.2	26.14	0.411	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB1#38	24.82	1.2	26.02	0.400	2.00	Pass
			RB1#74	24.92	1.2	26.12	0.409	2.00	Pass
			RB36#0	23.88	1.2	25.08	0.322	2.00	Pass
			RB36#19	23.81	1.2	25.01	0.317	2.00	Pass
			RB36#39	23.91	1.2	25.11	0.324	2.00	Pass
			RB75#0	23.78	1.2	24.98	0.315	2.00	Pass
		16-QAM	RB1#0	24.14	1.2	25.34	0.342	2.00	Pass
			RB1#38	23.99	1.2	25.19	0.330	2.00	Pass
			RB1#74	23.82	1.2	25.02	0.318	2.00	Pass
			RB36#0	22.93	1.2	24.13	0.259	2.00	Pass
			RB36#19	22.8	1.2	24.00	0.251	2.00	Pass
			RB36#39	22.91	1.2	24.11	0.258	2.00	Pass
			RB75#0	22.81	1.2	24.01	0.252	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	25.03	1.2	26.23	0.420	2.00	Pass
			RB1#50	24.92	1.2	26.12	0.409	2.00	Pass
			RB1#99	24.99	1.2	26.19	0.416	2.00	Pass
			RB50#0	23.85	1.2	25.05	0.320	2.00	Pass
			RB50#25	23.78	1.2	24.98	0.315	2.00	Pass
			RB50#50	23.83	1.2	25.03	0.318	2.00	Pass
			RB100#0	23.7	1.2	24.90	0.309	2.00	Pass
		16-QAM	RB1#0	24.22	1.2	25.42	0.348	2.00	Pass
			RB1#50	24.05	1.2	25.25	0.335	2.00	Pass
			RB1#99	24	1.2	25.20	0.331	2.00	Pass
			RB50#0	22.82	1.2	24.02	0.252	2.00	Pass
			RB50#25	22.64	1.2	23.84	0.242	2.00	Pass
			RB50#50	22.73	1.2	23.93	0.247	2.00	Pass
			RB100#0	22.59	1.2	23.79	0.239	2.00	Pass
	MCH	QPSK	RB1#0	25.09	1.2	26.29	0.426	2.00	Pass
			RB1#50	24.85	1.2	26.05	0.403	2.00	Pass
			RB1#99	24.8	1.2	26.00	0.398	2.00	Pass
			RB50#0	23.87	1.2	25.07	0.321	2.00	Pass
			RB50#25	23.73	1.2	24.93	0.311	2.00	Pass
			RB50#50	23.84	1.2	25.04	0.319	2.00	Pass
			RB100#0	23.8	1.2	25.00	0.316	2.00	Pass
		16-QAM	RB1#0	24.11	1.2	25.31	0.340	2.00	Pass
			RB1#50	23.82	1.2	25.02	0.318	2.00	Pass
			RB1#99	23.97	1.2	25.17	0.329	2.00	Pass
			RB50#0	22.84	1.2	24.04	0.254	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB50#25	22.73	1.2	23.93	0.247	2.00	Pass
			RB50#50	22.86	1.2	24.06	0.255	2.00	Pass
			RB100#0	22.77	1.2	23.97	0.249	2.00	Pass
	HCH	QPSK	RB1#0	24.9	1.2	26.10	0.407	2.00	Pass
			RB1#50	24.73	1.2	25.93	0.392	2.00	Pass
			RB1#99	24.9	1.2	26.10	0.407	2.00	Pass
			RB50#0	23.81	1.2	25.01	0.317	2.00	Pass
			RB50#25	23.86	1.2	25.06	0.321	2.00	Pass
			RB50#50	23.76	1.2	24.96	0.313	2.00	Pass
			RB100#0	23.87	1.2	25.07	0.321	2.00	Pass
		16-QAM	RB1#0	24.31	1.2	25.51	0.356	2.00	Pass
			RB1#50	24.49	1.2	25.69	0.371	2.00	Pass
			RB1#99	24.34	1.2	25.54	0.358	2.00	Pass
			RB50#0	22.85	1.2	24.05	0.254	2.00	Pass
			RB50#25	22.88	1.2	24.08	0.256	2.00	Pass
			RB50#50	22.85	1.2	24.05	0.254	2.00	Pass
			RB100#0	22.83	1.2	24.03	0.253	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
5 MHz	LCH	QPSK	RB1#0	23.5	1.5	25.00	0.316	2.00	Pass
			RB1#13	23.5	1.5	25.00	0.316	2.00	Pass
			RB1#24	23.29	1.5	24.79	0.301	2.00	Pass
			RB12#0	22.52	1.5	24.02	0.252	2.00	Pass
			RB12#6	22.47	1.5	23.97	0.249	2.00	Pass
			RB12#13	22.52	1.5	24.02	0.252	2.00	Pass
			RB25#0	22.39	1.5	23.89	0.245	2.00	Pass
		16-QAM	RB1#0	22.66	1.5	24.16	0.261	2.00	Pass
			RB1#13	22.74	1.5	24.24	0.265	2.00	Pass
			RB1#24	22.49	1.5	23.99	0.251	2.00	Pass
			RB12#0	21.51	1.5	23.01	0.200	2.00	Pass
			RB12#6	21.47	1.5	22.97	0.198	2.00	Pass
			RB12#13	21.48	1.5	22.98	0.199	2.00	Pass
			RB25#0	21.29	1.5	22.79	0.190	2.00	Pass
	MCH	QPSK	RB1#0	23.63	1.5	25.13	0.326	2.00	Pass
			RB1#13	23.67	1.5	25.17	0.329	2.00	Pass
			RB1#24	23.58	1.5	25.08	0.322	2.00	Pass
			RB12#0	22.71	1.5	24.21	0.264	2.00	Pass
			RB12#6	22.72	1.5	24.22	0.264	2.00	Pass
			RB12#13	22.59	1.5	24.09	0.256	2.00	Pass
			RB25#0	22.73	1.5	24.23	0.265	2.00	Pass
		16-QAM	RB1#0	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#13	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#24	22.63	1.5	24.13	0.259	2.00	Pass
			RB12#0	21.79	1.5	23.29	0.213	2.00	Pass
			RB12#6	21.7	1.5	23.20	0.209	2.00	Pass
			RB12#13	21.71	1.5	23.21	0.209	2.00	Pass
			RB25#0	21.62	1.5	23.12	0.205	2.00	Pass
	HCH	QPSK	RB1#0	23.63	1.5	25.13	0.326	2.00	Pass
			RB1#13	23.7	1.5	25.20	0.331	2.00	Pass
			RB1#24	23.62	1.5	25.12	0.325	2.00	Pass
			RB12#0	22.64	1.5	24.14	0.259	2.00	Pass
			RB12#6	22.61	1.5	24.11	0.258	2.00	Pass
			RB12#13	22.59	1.5	24.09	0.256	2.00	Pass
			RB25#0	22.54	1.5	24.04	0.254	2.00	Pass
		16-QAM	RB1#0	22.81	1.5	24.31	0.270	2.00	Pass
			RB1#13	22.91	1.5	24.41	0.276	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
10 MHz			RB1#24	22.64	1.5	24.14	0.259	2.00	Pass
			RB12#0	21.58	1.5	23.08	0.203	2.00	Pass
			RB12#6	21.63	1.5	23.13	0.206	2.00	Pass
			RB12#13	21.51	1.5	23.01	0.200	2.00	Pass
			RB25#0	21.58	1.5	23.08	0.203	2.00	Pass
	LCH	QPSK	RB1#0	23.33	1.5	24.83	0.304	2.00	Pass
			RB1#25	23.3	1.5	24.80	0.302	2.00	Pass
			RB1#49	23.27	1.5	24.77	0.300	2.00	Pass
			RB25#0	22.35	1.5	23.85	0.243	2.00	Pass
			RB25#13	22.32	1.5	23.82	0.241	2.00	Pass
			RB25#25	22.36	1.5	23.86	0.243	2.00	Pass
			RB50#0	22.37	1.5	23.87	0.244	2.00	Pass
		16-QAM	RB1#0	22.55	1.5	24.05	0.254	2.00	Pass
			RB1#25	22.62	1.5	24.12	0.258	2.00	Pass
			RB1#49	22.53	1.5	24.03	0.253	2.00	Pass
			RB25#0	21.32	1.5	22.82	0.191	2.00	Pass
			RB25#13	21.35	1.5	22.85	0.193	2.00	Pass
			RB25#25	21.37	1.5	22.87	0.194	2.00	Pass
			RB50#0	21.39	1.5	22.89	0.195	2.00	Pass
	MCH	QPSK	RB1#0	23.84	1.5	25.34	0.342	2.00	Pass
			RB1#25	23.67	1.5	25.17	0.329	2.00	Pass
			RB1#49	23.63	1.5	25.13	0.326	2.00	Pass
			RB25#0	22.75	1.5	24.25	0.266	2.00	Pass
			RB25#13	22.73	1.5	24.23	0.265	2.00	Pass
			RB25#25	22.67	1.5	24.17	0.261	2.00	Pass
			RB50#0	22.76	1.5	24.26	0.267	2.00	Pass
		16-QAM	RB1#0	23.35	1.5	24.85	0.305	2.00	Pass
			RB1#25	23.27	1.5	24.77	0.300	2.00	Pass
			RB1#49	23.18	1.5	24.68	0.294	2.00	Pass
			RB25#0	21.84	1.5	23.34	0.216	2.00	Pass
			RB25#13	21.59	1.5	23.09	0.204	2.00	Pass
			RB25#25	21.68	1.5	23.18	0.208	2.00	Pass
			RB50#0	21.81	1.5	23.31	0.214	2.00	Pass
	HCH	QPSK	RB1#0	23.81	1.5	25.31	0.340	2.00	Pass
			RB1#25	23.8	1.5	25.30	0.339	2.00	Pass
			RB1#49	23.67	1.5	25.17	0.329	2.00	Pass
			RB25#0	22.62	1.5	24.12	0.258	2.00	Pass
			RB25#13	22.65	1.5	24.15	0.260	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
15 MHz		16-QAM	RB25#25	22.7	1.5	24.20	0.263	2.00	Pass
			RB50#0	22.55	1.5	24.05	0.254	2.00	Pass
			RB1#0	23.14	1.5	24.64	0.291	2.00	Pass
			RB1#25	23.08	1.5	24.58	0.287	2.00	Pass
			RB1#49	22.97	1.5	24.47	0.280	2.00	Pass
			RB25#0	21.64	1.5	23.14	0.206	2.00	Pass
			RB25#13	21.62	1.5	23.12	0.205	2.00	Pass
			RB25#25	21.7	1.5	23.20	0.209	2.00	Pass
			RB50#0	21.63	1.5	23.13	0.206	2.00	Pass
	LCH	QPSK	RB1#0	23.41	1.5	24.91	0.310	2.00	Pass
			RB1#38	23.2	1.5	24.70	0.295	2.00	Pass
			RB1#74	23.02	1.5	24.52	0.283	2.00	Pass
			RB36#0	22	1.5	23.50	0.224	2.00	Pass
			RB36#19	22.19	1.5	23.69	0.234	2.00	Pass
			RB36#39	22.2	1.5	23.70	0.234	2.00	Pass
			RB75#0	22.15	1.5	23.65	0.232	2.00	Pass
		16-QAM	RB1#0	22.41	1.5	23.91	0.246	2.00	Pass
			RB1#38	22.45	1.5	23.95	0.248	2.00	Pass
			RB1#74	22.27	1.5	23.77	0.238	2.00	Pass
			RB36#0	21.2	1.5	22.70	0.186	2.00	Pass
			RB36#19	21.25	1.5	22.75	0.188	2.00	Pass
			RB36#39	21.19	1.5	22.69	0.186	2.00	Pass
			RB75#0	21.11	1.5	22.61	0.182	2.00	Pass
	MCH	QPSK	RB1#0	23.38	1.5	24.88	0.308	2.00	Pass
			RB1#38	23.74	1.5	25.24	0.334	2.00	Pass
			RB1#74	23.7	1.5	25.20	0.331	2.00	Pass
			RB36#0	22.61	1.5	24.11	0.258	2.00	Pass
			RB36#19	22.44	1.5	23.94	0.248	2.00	Pass
			RB36#39	22.44	1.5	23.94	0.248	2.00	Pass
			RB75#0	22.42	1.5	23.92	0.247	2.00	Pass
		16-QAM	RB1#0	22.78	1.5	24.28	0.268	2.00	Pass
			RB1#38	22.87	1.5	24.37	0.274	2.00	Pass
			RB1#74	22.74	1.5	24.24	0.265	2.00	Pass
			RB36#0	21.4	1.5	22.90	0.195	2.00	Pass
			RB36#19	21.38	1.5	22.88	0.194	2.00	Pass
			RB36#39	21.35	1.5	22.85	0.193	2.00	Pass
			RB75#0	21.48	1.5	22.98	0.199	2.00	Pass
	HCH	QPSK	RB1#0	23.47	1.5	24.97	0.314	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB1#38	23.45	1.5	24.95	0.313	2.00	Pass
			RB1#74	23.53	1.5	25.03	0.318	2.00	Pass
			RB36#0	22.36	1.5	23.86	0.243	2.00	Pass
			RB36#19	22.3	1.5	23.80	0.240	2.00	Pass
			RB36#39	22.27	1.5	23.77	0.238	2.00	Pass
			RB75#0	22.28	1.5	23.78	0.239	2.00	Pass
		16-QAM	RB1#0	22.57	1.5	24.07	0.255	2.00	Pass
			RB1#38	22.44	1.5	23.94	0.248	2.00	Pass
			RB1#74	22.43	1.5	23.93	0.247	2.00	Pass
			RB36#0	21.38	1.5	22.88	0.194	2.00	Pass
			RB36#19	21.29	1.5	22.79	0.190	2.00	Pass
			RB36#39	21.32	1.5	22.82	0.191	2.00	Pass
			RB75#0	21.31	1.5	22.81	0.191	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.27	1.5	24.77	0.300	2.00	Pass
			RB1#50	23.1	1.5	24.60	0.288	2.00	Pass
			RB1#99	23.12	1.5	24.62	0.290	2.00	Pass
			RB50#0	22.08	1.5	23.58	0.228	2.00	Pass
			RB50#25	22.09	1.5	23.59	0.229	2.00	Pass
			RB50#50	22.06	1.5	23.56	0.227	2.00	Pass
			RB100#0	22.08	1.5	23.58	0.228	2.00	Pass
		16-QAM	RB1#0	22.39	1.5	23.89	0.245	2.00	Pass
			RB1#50	22.35	1.5	23.85	0.243	2.00	Pass
			RB1#99	22.33	1.5	23.83	0.242	2.00	Pass
			RB50#0	21.08	1.5	22.58	0.181	2.00	Pass
			RB50#25	21.05	1.5	22.55	0.180	2.00	Pass
			RB50#50	21.09	1.5	22.59	0.182	2.00	Pass
			RB100#0	21.1	1.5	22.60	0.182	2.00	Pass
	MCH	QPSK	RB1#0	23.63	1.5	25.13	0.326	2.00	Pass
			RB1#50	23.48	1.5	24.98	0.315	2.00	Pass
			RB1#99	23.57	1.5	25.07	0.321	2.00	Pass
			RB50#0	22.36	1.5	23.86	0.243	2.00	Pass
			RB50#25	22.44	1.5	23.94	0.248	2.00	Pass
			RB50#50	22.37	1.5	23.87	0.244	2.00	Pass
			RB100#0	22.47	1.5	23.97	0.249	2.00	Pass
		16-QAM	RB1#0	22.66	1.5	24.16	0.261	2.00	Pass
			RB1#50	22.51	1.5	24.01	0.252	2.00	Pass
			RB1#99	22.69	1.5	24.19	0.262	2.00	Pass
			RB50#0	21.42	1.5	22.92	0.196	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB50#25	21.46	1.5	22.96	0.198	2.00	Pass
			RB50#50	21.39	1.5	22.89	0.195	2.00	Pass
			RB100#0	21.52	1.5	23.02	0.200	2.00	Pass
	HCH	QPSK	RB1#0	23.64	1.5	25.14	0.327	2.00	Pass
			RB1#50	23.33	1.5	24.83	0.304	2.00	Pass
			RB1#99	23.49	1.5	24.99	0.316	2.00	Pass
			RB50#0	22.4	1.5	23.90	0.245	2.00	Pass
			RB50#25	22.36	1.5	23.86	0.243	2.00	Pass
			RB50#50	22.42	1.5	23.92	0.247	2.00	Pass
			RB100#0	22.36	1.5	23.86	0.243	2.00	Pass
		16-QAM	RB1#0	23.01	1.5	24.51	0.282	2.00	Pass
			RB1#50	22.86	1.5	24.36	0.273	2.00	Pass
			RB1#99	22.86	1.5	24.36	0.273	2.00	Pass
			RB50#0	21.37	1.5	22.87	0.194	2.00	Pass
			RB50#25	21.3	1.5	22.80	0.191	2.00	Pass
			RB50#50	21.35	1.5	22.85	0.193	2.00	Pass
			RB100#0	21.31	1.5	22.81	0.191	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
1.4 MHz	LCH	QPSK	RB1#0	23.67	-2.8	20.87	0.122	1.00	Pass
			RB1#3	23.61	-2.8	20.81	0.121	1.00	Pass
			RB1#5	23.65	-2.8	20.85	0.122	1.00	Pass
			RB3#0	23.6	-2.8	20.80	0.120	1.00	Pass
			RB3#2	23.64	-2.8	20.84	0.121	1.00	Pass
			RB3#3	23.56	-2.8	20.76	0.119	1.00	Pass
			RB6#0	22.62	-2.8	19.82	0.096	1.00	Pass
		16-QAM	RB1#0	22.77	-2.8	19.97	0.099	1.00	Pass
			RB1#3	22.85	-2.8	20.05	0.101	1.00	Pass
			RB1#5	22.77	-2.8	19.97	0.099	1.00	Pass
			RB3#0	22.57	-2.8	19.77	0.095	1.00	Pass
			RB3#2	22.65	-2.8	19.85	0.097	1.00	Pass
			RB3#3	22.6	-2.8	19.80	0.095	1.00	Pass
			RB6#0	21.78	-2.8	18.98	0.079	1.00	Pass
	MCH	QPSK	RB1#0	23.77	-2.8	20.97	0.125	1.00	Pass
			RB1#3	23.72	-2.8	20.92	0.124	1.00	Pass
			RB1#5	23.68	-2.8	20.88	0.122	1.00	Pass
			RB3#0	23.62	-2.8	20.82	0.121	1.00	Pass
			RB3#2	23.64	-2.8	20.84	0.121	1.00	Pass
			RB3#3	23.54	-2.8	20.74	0.119	1.00	Pass
			RB6#0	22.58	-2.8	19.78	0.095	1.00	Pass
		16-QAM	RB1#0	22.93	-2.8	20.13	0.103	1.00	Pass
			RB1#3	22.94	-2.8	20.14	0.103	1.00	Pass
			RB1#5	22.97	-2.8	20.17	0.104	1.00	Pass
			RB3#0	22.74	-2.8	19.94	0.099	1.00	Pass
			RB3#2	22.78	-2.8	19.98	0.100	1.00	Pass
			RB3#3	22.63	-2.8	19.83	0.096	1.00	Pass
			RB6#0	21.48	-2.8	18.68	0.074	1.00	Pass
	HCH	QPSK	RB1#0	23.85	-2.8	21.05	0.127	1.00	Pass
			RB1#3	23.9	-2.8	21.10	0.129	1.00	Pass
			RB1#5	23.69	-2.8	20.89	0.123	1.00	Pass
			RB3#0	23.77	-2.8	20.97	0.125	1.00	Pass
			RB3#2	23.78	-2.8	20.98	0.125	1.00	Pass
			RB3#3	23.66	-2.8	20.86	0.122	1.00	Pass
			RB6#0	22.64	-2.8	19.84	0.096	1.00	Pass
		16-QAM	RB1#0	22.7	-2.8	19.90	0.098	1.00	Pass
			RB1#3	22.82	-2.8	20.02	0.100	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
3 MHz			RB1#5	22.68	-2.8	19.88	0.097	1.00	Pass
			RB3#0	22.89	-2.8	20.09	0.102	1.00	Pass
			RB3#2	22.93	-2.8	20.13	0.103	1.00	Pass
			RB3#3	22.91	-2.8	20.11	0.103	1.00	Pass
			RB6#0	21.86	-2.8	19.06	0.081	1.00	Pass
	LCH	QPSK	RB1#0	23.71	-2.8	20.91	0.123	1.00	Pass
			RB1#7	23.56	-2.8	20.76	0.119	1.00	Pass
			RB1#14	23.58	-2.8	20.78	0.120	1.00	Pass
			RB8#0	22.67	-2.8	19.87	0.097	1.00	Pass
			RB8#4	22.67	-2.8	19.87	0.097	1.00	Pass
			RB8#7	22.6	-2.8	19.80	0.095	1.00	Pass
			RB15#0	22.64	-2.8	19.84	0.096	1.00	Pass
		16-QAM	RB1#0	22.64	-2.8	19.84	0.096	1.00	Pass
			RB1#7	22.53	-2.8	19.73	0.094	1.00	Pass
			RB1#14	22.52	-2.8	19.72	0.094	1.00	Pass
			RB8#0	21.77	-2.8	18.97	0.079	1.00	Pass
			RB8#4	21.78	-2.8	18.98	0.079	1.00	Pass
			RB8#7	21.7	-2.8	18.90	0.078	1.00	Pass
			RB15#0	21.61	-2.8	18.81	0.076	1.00	Pass
	MCH	QPSK	RB1#0	23.61	-2.8	20.81	0.121	1.00	Pass
			RB1#7	23.65	-2.8	20.85	0.122	1.00	Pass
			RB1#14	23.61	-2.8	20.81	0.121	1.00	Pass
			RB8#0	22.64	-2.8	19.84	0.096	1.00	Pass
			RB8#4	22.61	-2.8	19.81	0.096	1.00	Pass
			RB8#7	22.59	-2.8	19.79	0.095	1.00	Pass
			RB15#0	22.62	-2.8	19.82	0.096	1.00	Pass
		16-QAM	RB1#0	23.1	-2.8	20.30	0.107	1.00	Pass
			RB1#7	23.18	-2.8	20.38	0.109	1.00	Pass
			RB1#14	23.14	-2.8	20.34	0.108	1.00	Pass
			RB8#0	21.69	-2.8	18.89	0.077	1.00	Pass
			RB8#4	21.73	-2.8	18.93	0.078	1.00	Pass
			RB8#7	21.68	-2.8	18.88	0.077	1.00	Pass
			RB15#0	21.63	-2.8	18.83	0.076	1.00	Pass
	HCH	QPSK	RB1#0	23.85	-2.8	21.05	0.127	1.00	Pass
			RB1#7	23.83	-2.8	21.03	0.127	1.00	Pass
			RB1#14	23.69	-2.8	20.89	0.123	1.00	Pass
			RB8#0	22.71	-2.8	19.91	0.098	1.00	Pass
			RB8#4	22.74	-2.8	19.94	0.099	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB8#7	22.7	-2.8	19.90	0.098	1.00	Pass
			RB15#0	22.7	-2.8	19.90	0.098	1.00	Pass
		16-QAM	RB1#0	22.75	-2.8	19.95	0.099	1.00	Pass
			RB1#7	22.66	-2.8	19.86	0.097	1.00	Pass
			RB1#14	22.67	-2.8	19.87	0.097	1.00	Pass
			RB8#0	21.73	-2.8	18.93	0.078	1.00	Pass
			RB8#4	21.74	-2.8	18.94	0.078	1.00	Pass
			RB8#7	21.76	-2.8	18.96	0.079	1.00	Pass
			RB15#0	21.64	-2.8	18.84	0.077	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.77	-2.8	20.97	0.125	1.00	Pass
			RB1#13	23.63	-2.8	20.83	0.121	1.00	Pass
			RB1#24	23.63	-2.8	20.83	0.121	1.00	Pass
			RB12#0	22.69	-2.8	19.89	0.097	1.00	Pass
			RB12#6	22.63	-2.8	19.83	0.096	1.00	Pass
			RB12#13	22.6	-2.8	19.80	0.095	1.00	Pass
			RB25#0	22.63	-2.8	19.83	0.096	1.00	Pass
		16-QAM	RB1#0	22.9	-2.8	20.10	0.102	1.00	Pass
			RB1#13	22.79	-2.8	19.99	0.100	1.00	Pass
			RB1#24	22.78	-2.8	19.98	0.100	1.00	Pass
			RB12#0	21.75	-2.8	18.95	0.079	1.00	Pass
			RB12#6	21.7	-2.8	18.90	0.078	1.00	Pass
			RB12#13	21.66	-2.8	18.86	0.077	1.00	Pass
			RB25#0	21.64	-2.8	18.84	0.077	1.00	Pass
	MCH	QPSK	RB1#0	23.61	-2.8	20.81	0.121	1.00	Pass
			RB1#13	23.68	-2.8	20.88	0.122	1.00	Pass
			RB1#24	23.61	-2.8	20.81	0.121	1.00	Pass
			RB12#0	22.56	-2.8	19.76	0.095	1.00	Pass
			RB12#6	22.61	-2.8	19.81	0.096	1.00	Pass
			RB12#13	22.61	-2.8	19.81	0.096	1.00	Pass
			RB25#0	22.61	-2.8	19.81	0.096	1.00	Pass
		16-QAM	RB1#0	23.24	-2.8	20.44	0.111	1.00	Pass
			RB1#13	23.27	-2.8	20.47	0.111	1.00	Pass
			RB1#24	23.11	-2.8	20.31	0.107	1.00	Pass
			RB12#0	21.66	-2.8	18.86	0.077	1.00	Pass
			RB12#6	21.72	-2.8	18.92	0.078	1.00	Pass
			RB12#13	21.7	-2.8	18.90	0.078	1.00	Pass
			RB25#0	21.67	-2.8	18.87	0.077	1.00	Pass
	HCH	QPSK	RB1#0	23.87	-2.8	21.07	0.128	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB1#13	23.77	-2.8	20.97	0.125	1.00	Pass
			RB1#24	23.71	-2.8	20.91	0.123	1.00	Pass
			RB12#0	22.77	-2.8	19.97	0.099	1.00	Pass
			RB12#6	22.71	-2.8	19.91	0.098	1.00	Pass
			RB12#13	22.72	-2.8	19.92	0.098	1.00	Pass
			RB25#0	22.74	-2.8	19.94	0.099	1.00	Pass
		16-QAM	RB1#0	23.07	-2.8	20.27	0.106	1.00	Pass
			RB1#13	22.8	-2.8	20.00	0.100	1.00	Pass
			RB1#24	22.81	-2.8	20.01	0.100	1.00	Pass
			RB12#0	21.85	-2.8	19.05	0.080	1.00	Pass
			RB12#6	21.77	-2.8	18.97	0.079	1.00	Pass
			RB12#13	21.77	-2.8	18.97	0.079	1.00	Pass
			RB25#0	21.7	-2.8	18.90	0.078	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.89	-2.8	21.09	0.129	1.00	Pass
			RB1#25	23.58	-2.8	20.78	0.120	1.00	Pass
			RB1#49	23.67	-2.8	20.87	0.122	1.00	Pass
			RB25#0	22.66	-2.8	19.86	0.097	1.00	Pass
			RB25#13	22.63	-2.8	19.83	0.096	1.00	Pass
			RB25#25	22.61	-2.8	19.81	0.096	1.00	Pass
			RB50#0	22.66	-2.8	19.86	0.097	1.00	Pass
		16-QAM	RB1#0	22.97	-2.8	20.17	0.104	1.00	Pass
			RB1#25	22.74	-2.8	19.94	0.099	1.00	Pass
			RB1#49	22.69	-2.8	19.89	0.097	1.00	Pass
			RB25#0	21.69	-2.8	18.89	0.077	1.00	Pass
			RB25#13	21.66	-2.8	18.86	0.077	1.00	Pass
			RB25#25	21.61	-2.8	18.81	0.076	1.00	Pass
			RB50#0	21.62	-2.8	18.82	0.076	1.00	Pass
	MCH	QPSK	RB1#0	23.72	-2.8	20.92	0.124	1.00	Pass
			RB1#25	23.58	-2.8	20.78	0.120	1.00	Pass
			RB1#49	23.72	-2.8	20.92	0.124	1.00	Pass
			RB25#0	22.58	-2.8	19.78	0.095	1.00	Pass
			RB25#13	22.62	-2.8	19.82	0.096	1.00	Pass
			RB25#25	22.57	-2.8	19.77	0.095	1.00	Pass
			RB50#0	22.64	-2.8	19.84	0.096	1.00	Pass
		16-QAM	RB1#0	23.13	-2.8	20.33	0.108	1.00	Pass
			RB1#25	22.91	-2.8	20.11	0.103	1.00	Pass
			RB1#49	22.98	-2.8	20.18	0.104	1.00	Pass
			RB25#0	21.62	-2.8	18.82	0.076	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
15 MHz	HCH		RB25#13	21.68	-2.8	18.88	0.077	1.00	Pass
			RB25#25	21.64	-2.8	18.84	0.077	1.00	Pass
			RB50#0	21.64	-2.8	18.84	0.077	1.00	Pass
		QPSK	RB1#0	23.8	-2.8	21.00	0.126	1.00	Pass
			RB1#25	23.69	-2.8	20.89	0.123	1.00	Pass
			RB1#49	23.73	-2.8	20.93	0.124	1.00	Pass
			RB25#0	22.73	-2.8	19.93	0.098	1.00	Pass
			RB25#13	22.78	-2.8	19.98	0.100	1.00	Pass
			RB25#25	22.75	-2.8	19.95	0.099	1.00	Pass
			RB50#0	22.77	-2.8	19.97	0.099	1.00	Pass
		16-QAM	RB1#0	22.74	-2.8	19.94	0.099	1.00	Pass
			RB1#25	22.68	-2.8	19.88	0.097	1.00	Pass
			RB1#49	22.73	-2.8	19.93	0.098	1.00	Pass
			RB25#0	21.83	-2.8	19.03	0.080	1.00	Pass
			RB25#13	21.88	-2.8	19.08	0.081	1.00	Pass
			RB25#25	21.83	-2.8	19.03	0.080	1.00	Pass
			RB50#0	21.83	-2.8	19.03	0.080	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.04	-2.8	21.24	0.133	1.00	Pass
			RB1#38	23.75	-2.8	20.95	0.124	1.00	Pass
			RB1#74	23.23	-2.8	20.43	0.110	1.00	Pass
			RB36#0	22.87	-2.8	20.07	0.102	1.00	Pass
			RB36#19	22.74	-2.8	19.94	0.099	1.00	Pass
			RB36#39	22.5	-2.8	19.70	0.093	1.00	Pass
			RB75#0	22.72	-2.8	19.92	0.098	1.00	Pass
		16-QAM	RB1#0	22.97	-2.8	20.17	0.104	1.00	Pass
			RB1#38	22.63	-2.8	19.83	0.096	1.00	Pass
			RB1#74	22.21	-2.8	19.41	0.087	1.00	Pass
			RB36#0	21.94	-2.8	19.14	0.082	1.00	Pass
			RB36#19	21.76	-2.8	18.96	0.079	1.00	Pass
			RB36#39	21.55	-2.8	18.75	0.075	1.00	Pass
			RB75#0	21.68	-2.8	18.88	0.077	1.00	Pass
	MCH	QPSK	RB1#0	24.06	-2.8	21.26	0.134	1.00	Pass
			RB1#38	23.72	-2.8	20.92	0.124	1.00	Pass
			RB1#74	23.06	-2.8	20.26	0.106	1.00	Pass
			RB36#0	22.82	-2.8	20.02	0.100	1.00	Pass
			RB36#19	22.75	-2.8	19.95	0.099	1.00	Pass
			RB36#39	22.45	-2.8	19.65	0.092	1.00	Pass
			RB75#0	22.69	-2.8	19.89	0.097	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
20 MHz	HCH	16-QAM	RB1#0	23.51	-2.8	20.71	0.118	1.00	Pass
			RB1#38	23.12	-2.8	20.32	0.108	1.00	Pass
			RB1#74	22.49	-2.8	19.69	0.093	1.00	Pass
			RB36#0	21.86	-2.8	19.06	0.081	1.00	Pass
			RB36#19	21.8	-2.8	19.00	0.079	1.00	Pass
			RB36#39	21.53	-2.8	18.73	0.075	1.00	Pass
			RB75#0	21.7	-2.8	18.90	0.078	1.00	Pass
		QPSK	RB1#0	24.02	-2.8	21.22	0.132	1.00	Pass
			RB1#38	23.61	-2.8	20.81	0.121	1.00	Pass
			RB1#74	23.13	-2.8	20.33	0.108	1.00	Pass
			RB36#0	22.82	-2.8	20.02	0.100	1.00	Pass
			RB36#19	22.71	-2.8	19.91	0.098	1.00	Pass
			RB36#39	22.52	-2.8	19.72	0.094	1.00	Pass
			RB75#0	22.62	-2.8	19.82	0.096	1.00	Pass
		16-QAM	RB1#0	23.39	-2.8	20.59	0.115	1.00	Pass
			RB1#38	23.06	-2.8	20.26	0.106	1.00	Pass
			RB1#74	22.6	-2.8	19.80	0.095	1.00	Pass
			RB36#0	21.87	-2.8	19.07	0.081	1.00	Pass
			RB36#19	21.68	-2.8	18.88	0.077	1.00	Pass
			RB36#39	21.54	-2.8	18.74	0.075	1.00	Pass
			RB75#0	21.66	-2.8	18.86	0.077	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	24.25	-2.8	21.45	0.140	1.00	Pass
			RB1#50	23.74	-2.8	20.94	0.124	1.00	Pass
			RB1#99	23.64	-2.8	20.84	0.121	1.00	Pass
			RB50#0	22.84	-2.8	20.04	0.101	1.00	Pass
			RB50#25	22.68	-2.8	19.88	0.097	1.00	Pass
			RB50#50	22.49	-2.8	19.69	0.093	1.00	Pass
			RB100#0	22.68	-2.8	19.88	0.097	1.00	Pass
		16-QAM	RB1#0	23.87	-2.8	21.07	0.128	1.00	Pass
			RB1#50	23.33	-2.8	20.53	0.113	1.00	Pass
			RB1#99	23.24	-2.8	20.44	0.111	1.00	Pass
			RB50#0	21.81	-2.8	19.01	0.080	1.00	Pass
			RB50#25	21.67	-2.8	18.87	0.077	1.00	Pass
			RB50#50	21.55	-2.8	18.75	0.075	1.00	Pass
			RB100#0	21.63	-2.8	18.83	0.076	1.00	Pass
	MCH	QPSK	RB1#0	24.36	-2.8	21.56	0.143	1.00	Pass
			RB1#50	23.85	-2.8	21.05	0.127	1.00	Pass
			RB1#99	23.44	-2.8	20.64	0.116	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB50#0	22.79	-2.8	19.99	0.100	1.00	Pass
			RB50#25	22.68	-2.8	19.88	0.097	1.00	Pass
			RB50#50	22.51	-2.8	19.71	0.094	1.00	Pass
			RB100#0	22.67	-2.8	19.87	0.097	1.00	Pass
		16-QAM	RB1#0	23.8	-2.8	21.00	0.126	1.00	Pass
			RB1#50	23.31	-2.8	20.51	0.112	1.00	Pass
			RB1#99	22.92	-2.8	20.12	0.103	1.00	Pass
			RB50#0	21.8	-2.8	19.00	0.079	1.00	Pass
			RB50#25	21.7	-2.8	18.90	0.078	1.00	Pass
			RB50#50	21.5	-2.8	18.70	0.074	1.00	Pass
			RB100#0	21.66	-2.8	18.86	0.077	1.00	Pass
	HCH	QPSK	RB1#0	23.96	-2.8	21.16	0.131	1.00	Pass
			RB1#50	23.62	-2.8	20.82	0.121	1.00	Pass
			RB1#99	23.3	-2.8	20.50	0.112	1.00	Pass
			RB50#0	22.84	-2.8	20.04	0.101	1.00	Pass
			RB50#25	22.65	-2.8	19.85	0.097	1.00	Pass
			RB50#50	22.6	-2.8	19.80	0.095	1.00	Pass
			RB100#0	22.68	-2.8	19.88	0.097	1.00	Pass
		16-QAM	RB1#0	23.33	-2.8	20.53	0.113	1.00	Pass
			RB1#50	23.06	-2.8	20.26	0.106	1.00	Pass
			RB1#99	22.84	-2.8	20.04	0.101	1.00	Pass
			RB50#0	21.81	-2.8	19.01	0.080	1.00	Pass
			RB50#25	21.65	-2.8	18.85	0.077	1.00	Pass
			RB50#50	21.57	-2.8	18.77	0.075	1.00	Pass
			RB100#0	21.67	-2.8	18.87	0.077	1.00	Pass

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C												
10MHz+20MHz												
QPSK	1	49	1	0	24.54	24.09	23.8	1.2	0.375	0.338	0.316	2.000
	50	0	100	0	22.59	22.87	22.89	1.2	0.239	0.255	0.256	2.000
16-QAM	1	49	1	0	22.92	22.62	22.77	1.2	0.258	0.241	0.249	2.000
	50	0	100	0	21.85	22.11	21.85	1.2	0.202	0.214	0.202	2.000
20MHz+10MHz												
QPSK	1	0	0	0	25.27	24.89	23.92	1.2	0.444	0.406	0.325	2.000
	50	0	0	0	24.65	24.19	24.19	1.2	0.385	0.346	0.346	2.000
	100	0	0	0	22.94	22.94	22.88	1.2	0.259	0.259	0.256	2.000
	1	99	1	0	24.04	23.35	23.2	1.2	0.334	0.285	0.275	2.000
	100	0	50	0	22.84	22.6	22.8	1.2	0.254	0.240	0.251	2.000
16-QAM	1	0	0	0	23.3	23.32	23.53	1.2	0.282	0.283	0.297	2.000
	50	0	0	0	22.59	22.63	23.05	1.2	0.239	0.242	0.266	2.000
	100	0	0	0	21.9	21.97	21.82	1.2	0.204	0.207	0.200	2.000
	1	99	1	0	22.89	22.12	21.65	1.2	0.256	0.215	0.193	2.000
	100	0	50	0	21.54	21.89	21.33	1.2	0.188	0.204	0.179	2.000
15MHz+15MHz												
QPSK	1	74	1	0	24.36	24.64	24.55	1.2	0.360	0.384	0.376	2.000
	75	0	75	0	22.62	22.63	22.96	1.2	0.241	0.242	0.261	2.000
16-QAM	1	74	1	0	23.52	23.5	22.62	1.2	0.296	0.295	0.241	2.000
	75	0	75	0	21.58	21.84	21.56	1.2	0.190	0.201	0.189	2.000
15MHz+20MHz												
QPSK	1	74	1	0	24.46	23.89	23.98	1.2	0.368	0.323	0.330	2.000
	75	0	100	0	22.74	22.89	22.62	1.2	0.248	0.256	0.241	2.000
16-QAM	1	74	1	0	23.34	23.32	23.21	1.2	0.284	0.283	0.276	2.000
	75	0	100	0	21.66	21.79	22.08	1.2	0.193	0.199	0.213	2.000
20MHz+15MHz												
QPSK	1	99	1	0	24.15	24.29	23.97	1.2	0.343	0.354	0.329	2.000
	100	0	75	0	22.66	22.68	22.78	1.2	0.243	0.244	0.250	2.000
16-QAM	1	99	1	0	23.45	22.83	23.52	1.2	0.292	0.253	0.296	2.000
	100	0	75	0	21.73	21.83	21.81	1.2	0.196	0.201	0.200	2.000
20MHz+20MHz												
QPSK	1	0	0	0	24.31	25.29	24.27	1.2	0.356	0.446	0.352	2.000
	50	0	0	0	24.42	24.67	24.66	1.2	0.365	0.386	0.385	2.000
	100	0	0	0	24.15	24.24	24.21	1.2	0.343	0.350	0.348	2.000
	1	99	1	0	24.3	24.06	24.54	1.2	0.355	0.336	0.375	2.000
	100	0	100	0	22.85	22.99	22.82	1.2	0.254	0.262	0.252	2.000

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C												
16-QAM	1	0	0	0	23.68	24.71	23.67	1.2	0.308	0.390	0.307	2.000
	50	0	0	0	23.35	23.72	23.59	1.2	0.285	0.310	0.301	2.000
	100	0	0	0	23.17	23.27	23.23	1.2	0.274	0.280	0.277	2.000
	1	99	1	0	23.54	23.58	22.42	1.2	0.298	0.301	0.230	2.000
	100	0	100	0	21.84	21.82	21.54	1.2	0.201	0.200	0.188	2.000

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_38C												
15MHz+15MHz												
QPSK	1	0	0	0	23.61	23.58	23.48	1.2	0.303	0.301	0.294	2.000
	36	0	0	0	22.19	22.24	22.17	1.2	0.218	0.221	0.217	2.000
	75	0	0	0	21.94	21.9	21.91	1.2	0.206	0.204	0.205	2.000
	1	74	1	0	22.18	22.25	22.31	1.2	0.218	0.221	0.224	2.000
	75	0	75	0	20.48	20.5	20.74	1.2	0.147	0.148	0.156	2.000
16-QAM	1	0	0	0	22.47	22.57	22.85	1.2	0.233	0.238	0.254	2.000
	36	0	0	0	21.19	21.13	21.37	1.2	0.173	0.171	0.181	2.000
	75	0	0	0	20.95	20.89	21.04	1.2	0.164	0.162	0.167	2.000
	1	74	1	0	21.48	21.27	21.66	1.2	0.185	0.177	0.193	2.000
	75	0	75	0	19.59	19.73	19.68	1.2	0.120	0.124	0.122	2.000
20MHz+20MHz												
QPSK	1	0	0	0	24.16	24.48	24.08	1.2	0.344	0.370	0.337	2.000
	50	0	0	0	22.85	23.25	22.58	1.2	0.254	0.279	0.239	2.000
	100	0	0	0	22.44	22.58	22.19	1.2	0.231	0.239	0.218	2.000
	1	99	1	0	22.37	22.4	22.62	1.2	0.228	0.229	0.241	2.000
	100	0	100	0	20.87	20.62	21.01	1.2	0.161	0.152	0.166	2.000
16-QAM	1	0	0	0	23.06	23.19	23.01	1.2	0.267	0.275	0.264	2.000
	50	0	0	0	21.77	21.62	21.77	1.2	0.198	0.191	0.198	2.000
	100	0	0	0	21.32	21.05	21.22	1.2	0.179	0.168	0.175	2.000
	1	99	1	0	21.19	21.22	21.22	1.2	0.173	0.175	0.175	2.000
	100	0	100	0	19.82	19.81	19.94	1.2	0.126	0.126	0.130	2.000

A.2 Peak to Average Ratio

Note 1: For average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB. For GSM, GPRS and EGPRS, there are peak power to demonstrate compliance, PAR measurements are not required.

Note 2: Test plots please refer to the document “Annex No.:BL-SZ2391253-501 Data Part 1.pdf”.

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note2}	Verdict
Band 2	LCH	2.67	13	1.1	Pass
	MCH	2.67	13	1.2	Pass
	HCH	2.67	13	1.3	Pass
Band 4	LCH	2.95	13	2.1	Pass
	MCH	3.14	13	2.2	Pass
	HCH	2.86	13	2.3	Pass
Band 5	LCH	3.09	13	3.1	Pass
	MCH	2.95	13	3.2	Pass
	HCH	3	13	3.3	Pass

LTE Mode Test Data

Test Band	Test Band width	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note1}	Verdict
LTE Band 2	20 MHz	LCH	QPSK	RB1#0	4.17	13	4.1	Pass
				RB100#0	5.53	13	4.2	Pass
			16-QAM	RB1#0	4.69	13	4.3	Pass
				RB100#0	6.14	13	4.4	Pass
		MCH	QPSK	RB1#0	4.92	13	4.5	Pass
				RB100#0	5.2	13	4.6	Pass
			16-QAM	RB1#0	5.58	13	4.7	Pass
				RB100#0	6	13	4.8	Pass
		HCH	QPSK	RB1#0	4.45	13	4.9	Pass
				RB100#0	5.39	13	4.10	Pass
			16-QAM	RB1#0	5.44	13	4.11	Pass
				RB100#0	6.14	13	4.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	4.12	13	5.1	Pass
				RB100#0	5.39	13	5.2	Pass
			16-QAM	RB1#0	5.02	13	5.3	Pass
				RB100#0	6.19	13	5.4	Pass
		MCH	QPSK	RB1#0	4.27	13	5.5	Pass
				RB100#0	5.39	13	5.6	Pass
			16-QAM	RB1#0	4.87	13	5.7	Pass
				RB1#0	4.87	13	5.7	Pass

Test Band	Test Band width	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note1}	Verdict
		HCH	QPSK	RB100#0	6.28	13	5.8	Pass
				RB1#0	4.03	13	5.9	Pass
			16-QAM	RB100#0	5.3	13	5.10	Pass
				RB1#0	5.16	13	5.11	Pass
				RB100#0	6.14	13	5.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	4.55	13	6.1	Pass
				RB50#0	5.58	13	6.2	Pass
			16-QAM	RB1#0	5.25	13	6.3	Pass
				RB50#0	6.37	13	6.4	Pass
		MCH	QPSK	RB1#0	4.45	13	6.5	Pass
				RB50#0	5.58	13	6.6	Pass
			16-QAM	RB1#0	5.39	13	6.7	Pass
				RB50#0	6.37	13	6.8	Pass
		HCH	QPSK	RB1#0	4.36	13	6.9	Pass
				RB50#0	5.34	13	6.10	Pass
			16-QAM	RB1#0	5.11	13	6.11	Pass
				RB50#0	6.23	13	6.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	4.64	13	7.1	Pass
				RB100#0	5.34	13	7.2	Pass
			16-QAM	RB1#0	5.25	13	7.3	Pass
				RB100#0	6.09	13	7.4	Pass
		MCH	QPSK	RB1#0	5.11	13	7.5	Pass
				RB100#0	5.48	13	7.6	Pass
			16-QAM	RB1#0	5.86	13	7.7	Pass
				RB100#0	6.33	13	7.8	Pass
		HCH	QPSK	RB1#0	4.59	13	7.9	Pass
				RB100#0	5.48	13	7.10	Pass
			16-QAM	RB1#0	5.53	13	7.11	Pass
				RB100#0	6.23	13	7.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.12	13	8.1	Pass
				RB50#0	5.39	13	8.2	Pass
			16-QAM	RB1#0	4.83	13	8.3	Pass
				RB50#0	6.19	13	8.4	Pass
		MCH	QPSK	RB1#0	4.22	13	8.5	Pass
				RB50#0	5.39	13	8.6	Pass
			16-QAM	RB1#0	5.2	13	8.7	Pass
				RB50#0	6.19	13	8.8	Pass
		HCH	QPSK	RB1#0	4.36	13	8.9	Pass
				RB50#0	5.2	13	8.10	Pass

Test Band	Test Band width	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note1}	Verdict
			16-QAM	RB1#0	5.16	13	8.11	Pass
				RB50#0	6.05	13	8.12	Pass
LTE Band 13	10 MHz	LCH	QPSK	RB1#0	4.36	13	9.1	Pass
				RB50#0	5.48	13	9.2	Pass
			16-QAM	RB1#0	5.16	13	9.3	Pass
				RB50#0	6.33	13	9.4	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	4.36	13	10.1	Pass
				RB50#0	5.39	13	10.2	Pass
			16-QAM	RB1#0	5.34	13	10.3	Pass
				RB50#0	6.14	13	10.4	Pass
		MCH	QPSK	RB1#0	4.41	13	10.5	Pass
				RB50#0	5.3	13	10.6	Pass
			16-QAM	RB1#0	5.67	13	10.7	Pass
				RB50#0	6.09	13	10.8	Pass
		HCH	QPSK	RB1#0	4.45	13	10.9	Pass
				RB50#0	5.2	13	10.10	Pass
			16-QAM	RB1#0	5.44	13	10.11	Pass
				RB50#0	6.05	13	10.12	Pass
LTE Band 26 (Part22)	15 MHz	LCH	QPSK	RB1#0	4.5	13	11.1	Pass
				RB75#0	5.67	13	11.2	Pass
			16-QAM	RB1#0	5.39	13	11.3	Pass
				RB75#0	6.23	13	11.4	Pass
		MCH	QPSK	RB1#0	4.5	13	11.5	Pass
				RB75#0	5.72	13	11.6	Pass
			16-QAM	RB1#0	5.48	13	11.7	Pass
				RB75#0	6.28	13	11.8	Pass
		HCH	QPSK	RB1#0	4.41	13	11.9	Pass
				RB75#0	5.58	13	11.10	Pass
			16-QAM	RB1#0	5.16	13	11.11	Pass
				RB75#0	6.23	13	11.12	Pass
LTE Band 26 (Part90)	10 MHz	MCH	QPSK	RB1#0	3.89	13	12.1	Pass
				RB50#0	5.2	13	12.2	Pass
			16-QAM	RB1#0	4.78	13	12.3	Pass
				RB50#0	5.91	13	12.4	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	8.2	13	13.1	Pass
				RB100#0	8.81	13	13.2	Pass
			16-QAM	RB1#0	9.09	13	13.3	Pass
				RB100#0	9.52	13	13.4	Pass
		MCH	QPSK	RB1#0	8.06	13	13.5	Pass

Test Band	Test Band width	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note1}	Verdict
			16-QAM	RB100#0	8.72	13	13.6	Pass
				RB1#0	8.62	13	13.7	Pass
				RB100#0	9.47	13	13.8	Pass
		HCH	QPSK	RB1#0	7.87	13	13.9	Pass
				RB100#0	8.67	13	13.10	Pass
			16-QAM	RB1#0	8.77	13	13.11	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	8.16	13	14.1	Pass
				RB100#0	8.72	13	14.2	Pass
			16-QAM	RB1#0	8.77	13	14.3	Pass
				RB100#0	9.47	13	14.4	Pass
		MCH	QPSK	RB1#0	8.44	13	14.5	Pass
				RB100#0	8.72	13	14.6	Pass
			16-QAM	RB1#0	9.14	13	14.7	Pass
				RB100#0	9.42	13	14.8	Pass
		HCH	QPSK	RB1#0	8.53	13	14.9	Pass
				RB100#0	8.91	13	14.10	Pass
			16-QAM	RB1#0	9.19	13	14.11	Pass
				RB100#0	9.56	13	14.12	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	4.17	13	15.1	Pass
				RB100#0	5.48	13	15.2	Pass
			16-QAM	RB1#0	4.87	13	15.3	Pass
				RB100#0	6.28	13	15.4	Pass
		MCH	QPSK	RB1#0	4.22	13	15.5	Pass
				RB100#0	5.44	13	15.6	Pass
			16-QAM	RB1#0	5.02	13	15.7	Pass
				RB100#0	6.28	13	15.8	Pass
		HCH	QPSK	RB1#0	4.08	13	15.9	Pass
				RB100#0	5.2	13	15.10	Pass
			16-QAM	RB1#0	4.69	13	15.11	Pass
				RB100#0	6	13	15.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note2}	Verdict
		Size	Offset	Size	Offset				
CA_7C									
10MHz+20MHz									
Mid	QPSK	50	0	100	0	5.44	13	16.1	Pass
	16-QAM	50	0	100	0	6.14	13	16.2	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	5.67	13	16.3	Pass
	16-QAM	100	0	50	0	6.33	13	16.4	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	5.77	13	16.5	Pass
	16-QAM	75	0	75	0	6.47	13	16.6	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	5.67	13	16.7	Pass
	16-QAM	75	0	100	0	5.95	13	16.8	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	5.44	13	16.9	Pass
	16-QAM	100	0	75	0	6.09	13	16.10	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	5.34	13	16.11	Pass
	16-QAM	100	0	100	0	6.19	13	16.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot ^{Note2}	Verdict
		Size	Offset	Size	Offset				
CA_38C									
15MHz+15MHz									
Mid	QPSK	75	0	75	0	10.03	13	17.1	Pass
	16-QAM	75	0	75	0	10.55	13	17.2	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	9.84	13	17.3	Pass
	16-QAM	100	0	100	0	10.5	13	17.4	Pass

A.3 Occupied Bandwidth

Note 1: All modes were tested, but only the typical data were reported in this report.

Note 2: Test plots please refer to the document “Annex No.:BL-SZ2391253-501 Data Part 2.pdf”.

GSM and WCDMA Mode Test Data

Test Band	Test Channel	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
GSM 850	LCH	0.243	0.313	1.1
	MCH	0.244	0.312	1.2
	HCH	0.245	0.317	1.3
GSM 1900	LCH	0.244	0.314	2.1
	MCH	0.245	0.299	2.2
	HCH	0.245	0.313	2.3
EGPRS 850	LCH	0.243	0.303	3.1
	MCH	0.247	0.305	3.2
	HCH	0.245	0.304	3.3
EGPRS 1900	LCH	0.246	0.313	4.1
	MCH	0.246	0.302	4.2
	HCH	0.244	0.303	4.3
WCDMA Band 2	LCH	4.142	4.752	5.1
	MCH	4.147	4.759	5.2
	HCH	4.142	4.758	5.3
WCDMA Band 4	LCH	4.118	4.712	6.1
	MCH	4.119	4.714	6.2
	HCH	4.119	4.717	6.3
WCDMA Band 5	LCH	4.119	4.72	7.1
	MCH	4.121	4.722	7.2
	HCH	4.118	4.709	7.3

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{†Note2}
Band 2	1.4 MHz	LCH	QPSK	RB6#0	1.091	1.334	8.1
			16-QAM	RB6#0	1.099	1.423	8.2
		MCH	QPSK	RB6#0	1.099	1.334	8.3
			16-QAM	RB6#0	1.09	1.314	8.4
		HCH	QPSK	RB6#0	1.098	1.317	8.5
			16-QAM	RB6#0	1.094	1.311	8.6
	3 MHz	LCH	QPSK	RB15#0	2.709	2.991	8.7
			16-QAM	RB15#0	2.703	3.001	8.8
		MCH	QPSK	RB15#0	2.707	2.998	8.9
			16-QAM	RB15#0	2.703	3.008	8.10
		HCH	QPSK	RB15#0	2.701	3.003	8.11
			16-QAM	RB15#0	2.702	3.013	8.12
	5 MHz	LCH	QPSK	RB25#0	4.508	5.008	8.13
			16-QAM	RB25#0	4.501	5.002	8.14
		MCH	QPSK	RB25#0	4.5	5.026	8.15
			16-QAM	RB25#0	4.512	5.029	8.16
		HCH	QPSK	RB25#0	4.498	4.99	8.17
			16-QAM	RB25#0	4.51	5.013	8.18
	10 MHz	LCH	QPSK	RB50#0	8.972	9.95	8.19
			16-QAM	RB50#0	8.971	9.891	8.20
		MCH	QPSK	RB50#0	8.959	9.866	8.21
			16-QAM	RB50#0	8.961	9.915	8.22
		HCH	QPSK	RB50#0	8.967	9.901	8.23
			16-QAM	RB50#0	8.959	9.902	8.24
	15 MHz	LCH	QPSK	RB75#0	13.463	14.856	8.25
			16-QAM	RB75#0	13.469	14.752	8.26
		MCH	QPSK	RB75#0	13.412	14.715	8.27
			16-QAM	RB75#0	13.459	14.749	8.28
		HCH	QPSK	RB75#0	13.427	14.767	8.29
			16-QAM	RB75#0	13.443	14.698	8.30
	20 MHz	LCH	QPSK	RB100#0	17.919	19.565	8.31
			16-QAM	RB100#0	17.934	19.519	8.32
		MCH	QPSK	RB100#0	17.92	19.488	8.33
			16-QAM	RB100#0	17.926	19.581	8.34
		HCH	QPSK	RB100#0	17.946	19.595	8.35
			16-QAM	RB100#0	17.916	19.398	8.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.093	1.267	9.1
			16-QAM	RB6#0	1.091	1.287	9.2
		MCH	QPSK	RB6#0	1.087	1.287	9.3
			16-QAM	RB6#0	1.096	1.28	9.4
		HCH	QPSK	RB6#0	1.092	1.317	9.5
			16-QAM	RB6#0	1.087	1.272	9.6
	3 MHz	LCH	QPSK	RB15#0	2.703	2.991	9.7
			16-QAM	RB15#0	2.698	2.987	9.8
		MCH	QPSK	RB15#0	2.703	2.985	9.9
			16-QAM	RB15#0	2.697	2.978	9.10
		HCH	QPSK	RB15#0	2.706	2.98	9.11
			16-QAM	RB15#0	2.701	2.991	9.12
	5 MHz	LCH	QPSK	RB25#0	4.492	4.992	9.13
			16-QAM	RB25#0	4.507	5.055	9.14
		MCH	QPSK	RB25#0	4.511	5.02	9.15
			16-QAM	RB25#0	4.496	4.973	9.16
		HCH	QPSK	RB25#0	4.498	4.994	9.17
			16-QAM	RB25#0	4.507	5.006	9.18
	10 MHz	LCH	QPSK	RB50#0	8.959	9.945	9.19
			16-QAM	RB50#0	8.958	9.922	9.20
		MCH	QPSK	RB50#0	8.962	9.962	9.21
			16-QAM	RB50#0	8.973	9.902	9.22
		HCH	QPSK	RB50#0	8.952	9.87	9.23
			16-QAM	RB50#0	8.963	9.906	9.24
	15 MHz	LCH	QPSK	RB75#0	13.429	14.809	9.25
			16-QAM	RB75#0	13.459	14.71	9.26
		MCH	QPSK	RB75#0	13.451	14.824	9.27
			16-QAM	RB75#0	13.472	14.789	9.28
		HCH	QPSK	RB75#0	13.414	14.774	9.29
			16-QAM	RB75#0	13.471	14.655	9.30
	20 MHz	LCH	QPSK	RB100#0	17.913	19.535	9.31
			16-QAM	RB100#0	17.91	19.398	9.32
		MCH	QPSK	RB100#0	17.926	19.341	9.33
			16-QAM	RB100#0	17.939	19.503	9.34
		HCH	QPSK	RB100#0	17.925	19.457	9.35
			16-QAM	RB100#0	17.928	19.563	9.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 5	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.284	10.1
			16-QAM	RB6#0	1.095	1.299	10.2
		MCH	QPSK	RB6#0	1.093	1.288	10.3
			16-QAM	RB6#0	1.085	1.27	10.4
		HCH	QPSK	RB6#0	1.095	1.265	10.5
			16-QAM	RB6#0	1.091	1.279	10.6
	3 MHz	LCH	QPSK	RB15#0	2.705	2.992	10.7
			16-QAM	RB15#0	2.701	2.977	10.8
		MCH	QPSK	RB15#0	2.703	2.984	10.9
			16-QAM	RB15#0	2.698	2.993	10.10
		HCH	QPSK	RB15#0	2.702	2.99	10.11
			16-QAM	RB15#0	2.696	2.98	10.12
	5 MHz	LCH	QPSK	RB25#0	4.509	5.025	10.13
			16-QAM	RB25#0	4.496	4.973	10.14
		MCH	QPSK	RB25#0	4.501	4.995	10.15
			16-QAM	RB25#0	4.501	4.989	10.16
		HCH	QPSK	RB25#0	4.497	4.977	10.17
			16-QAM	RB25#0	4.504	5.004	10.18
	10 MHz	LCH	QPSK	RB50#0	8.981	9.958	10.19
			16-QAM	RB50#0	8.963	9.889	10.20
		MCH	QPSK	RB50#0	8.961	9.874	10.21
			16-QAM	RB50#0	8.963	9.855	10.22
		HCH	QPSK	RB50#0	8.965	9.927	10.23
			16-QAM	RB50#0	8.954	9.92	10.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 7	5 MHz	LCH	QPSK	RB25#0	4.506	5.023	11.1
			16-QAM	RB25#0	4.497	4.987	11.2
		MCH	QPSK	RB25#0	4.494	4.988	11.3
			16-QAM	RB25#0	4.507	5.003	11.4
		HCH	QPSK	RB25#0	4.495	4.991	11.5
			16-QAM	RB25#0	4.505	5.056	11.6
	10 MHz	LCH	QPSK	RB50#0	8.977	9.978	11.7
			16-QAM	RB50#0	8.97	9.853	11.8
		MCH	QPSK	RB50#0	8.951	9.881	11.9
			16-QAM	RB50#0	8.958	9.903	11.10
		HCH	QPSK	RB50#0	8.967	9.933	11.11
			16-QAM	RB50#0	8.96	9.939	11.12
	15 MHz	LCH	QPSK	RB75#0	13.446	14.85	11.13
			16-QAM	RB75#0	13.423	14.726	11.14
		MCH	QPSK	RB75#0	13.416	14.729	11.15
			16-QAM	RB75#0	13.449	14.738	11.16
		HCH	QPSK	RB75#0	13.423	14.788	11.17
			16-QAM	RB75#0	13.459	14.697	11.18
	20 MHz	LCH	QPSK	RB100#0	17.919	19.372	11.19
			16-QAM	RB100#0	17.937	19.441	11.20
		MCH	QPSK	RB100#0	17.936	19.484	11.21
			16-QAM	RB100#0	17.93	19.611	11.22
		HCH	QPSK	RB100#0	17.951	19.567	11.23
			16-QAM	RB100#0	17.898	19.461	11.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 12	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.283	12.1
			16-QAM	RB6#0	1.095	1.299	12.2
		MCH	QPSK	RB6#0	1.091	1.293	12.3
			16-QAM	RB6#0	1.084	1.271	12.4
		HCH	QPSK	RB6#0	1.095	1.272	12.5
			16-QAM	RB6#0	1.091	1.299	12.6
	3 MHz	LCH	QPSK	RB15#0	2.703	2.984	12.7
			16-QAM	RB15#0	2.697	2.978	12.8
		MCH	QPSK	RB15#0	2.703	2.981	12.9
			16-QAM	RB15#0	2.699	2.99	12.10
		HCH	QPSK	RB15#0	2.702	2.983	12.11
			16-QAM	RB15#0	2.695	2.996	12.12
	5 MHz	LCH	QPSK	RB25#0	4.508	5.021	12.13
			16-QAM	RB25#0	4.497	4.976	12.14
		MCH	QPSK	RB25#0	4.495	4.975	12.15
			16-QAM	RB25#0	4.506	5.024	12.16
		HCH	QPSK	RB25#0	4.487	4.983	12.17
			16-QAM	RB25#0	4.507	5	12.18
	10 MHz	LCH	QPSK	RB50#0	8.986	9.992	12.19
			16-QAM	RB50#0	8.984	9.908	12.20
		MCH	QPSK	RB50#0	8.964	9.94	12.21
			16-QAM	RB50#0	8.966	9.904	12.22
		HCH	QPSK	RB50#0	8.963	9.885	12.23
			16-QAM	RB50#0	8.949	9.954	12.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 13	5 MHz	LCH	QPSK	RB25#0	4.515	5.032	13.1
			16-QAM	RB25#0	4.503	4.997	13.2
		MCH	QPSK	RB25#0	4.494	4.997	13.3
			16-QAM	RB25#0	4.508	5.027	13.4
		HCH	QPSK	RB25#0	4.497	4.982	13.5
			16-QAM	RB25#0	4.509	5.036	13.6
	10 MHz	MCH	QPSK	RB50#0	8.973	9.904	13.7
			16-QAM	RB50#0	8.969	9.852	13.8

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 17	5 MHz	LCH	QPSK	RB25#0	4.498	4.994	14.1
			16-QAM	RB25#0	4.505	5.024	14.2
		MCH	QPSK	RB25#0	4.507	5.009	14.3
			16-QAM	RB25#0	4.495	4.979	14.4
		HCH	QPSK	RB25#0	4.497	4.997	14.5
			16-QAM	RB25#0	4.514	4.999	14.6
	10 MHz	LCH	QPSK	RB50#0	8.974	9.948	14.7
			16-QAM	RB50#0	8.975	9.884	14.8
		MCH	QPSK	RB50#0	8.966	9.925	14.9
			16-QAM	RB50#0	8.954	9.885	14.10
		HCH	QPSK	RB50#0	8.967	9.911	14.11
			16-QAM	RB50#0	8.958	9.888	14.12

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB6#0	1.086	1.29	15.1
			16-QAM	RB6#0	1.094	1.3	15.2
		MCH	QPSK	RB6#0	1.091	1.295	15.3
			16-QAM	RB6#0	1.086	1.274	15.4
		HCH	QPSK	RB6#0	1.094	1.276	15.5
			16-QAM	RB6#0	1.089	1.275	15.6
	3 MHz	LCH	QPSK	RB15#0	2.705	2.984	15.7
			16-QAM	RB15#0	2.699	2.977	15.8
		MCH	QPSK	RB15#0	2.709	2.987	15.9
			16-QAM	RB15#0	2.7	2.982	15.10
		HCH	QPSK	RB15#0	2.703	2.989	15.11
			16-QAM	RB15#0	2.698	2.985	15.12
	5 MHz	LCH	QPSK	RB25#0	4.508	4.991	15.13
			16-QAM	RB25#0	4.495	4.969	15.14
		MCH	QPSK	RB25#0	4.494	5.007	15.15
			16-QAM	RB25#0	4.506	5.001	15.16
		HCH	QPSK	RB25#0	4.493	4.972	15.17
			16-QAM	RB25#0	4.503	5.021	15.18
	10 MHz	LCH	QPSK	RB50#0	8.975	9.992	15.19
			16-QAM	RB50#0	8.98	9.856	15.20
		MCH	QPSK	RB50#0	8.947	9.891	15.21
			16-QAM	RB50#0	8.955	9.896	15.22
		HCH	QPSK	RB50#0	8.97	9.916	15.23
			16-QAM	RB50#0	8.954	9.922	15.24
	15 MHz	LCH	QPSK	RB75#0	13.462	14.886	15.25
			16-QAM	RB75#0	13.451	14.743	15.26
		MCH	QPSK	RB75#0	13.415	14.734	15.27
			16-QAM	RB75#0	13.456	14.696	15.28
		HCH	QPSK	RB75#0	13.432	14.806	15.29
			16-QAM	RB75#0	13.453	14.713	15.30

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB6#0	1.088	1.286	16.1
			16-QAM	RB6#0	1.095	1.298	16.2
		MCH	QPSK	RB6#0	1.091	1.291	16.3
			16-QAM	RB6#0	1.085	1.278	16.4
		HCH	QPSK	RB6#0	1.093	1.275	16.5
			16-QAM	RB6#0	1.089	1.281	16.6
	3 MHz	LCH	QPSK	RB15#0	2.703	2.978	16.7
			16-QAM	RB15#0	2.702	3.008	16.8
		MCH	QPSK	RB15#0	2.709	3.002	16.9
			16-QAM	RB15#0	2.698	2.988	16.10
		HCH	QPSK	RB15#0	2.696	2.987	16.11
			16-QAM	RB15#0	2.697	2.994	16.12
	5 MHz	LCH	QPSK	RB25#0	4.506	5	16.13
			16-QAM	RB25#0	4.493	4.978	16.14
		MCH	QPSK	RB25#0	4.498	5.008	16.15
			16-QAM	RB25#0	4.506	5.013	16.16
		HCH	QPSK	RB25#0	4.496	4.983	16.17
			16-QAM	RB25#0	4.507	5.042	16.18
	10 MHz	MCH	QPSK	RB50#0	8.966	9.965	16.19
			16-QAM	RB50#0	8.981	9.868	16.20

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 38	5 MHz	LCH	QPSK	RB25#0	4.504	5.223	17.1
			16-QAM	RB25#0	4.508	5.204	17.2
		MCH	QPSK	RB25#0	4.504	4.964	17.3
			16-QAM	RB25#0	4.498	5.021	17.4
		HCH	QPSK	RB25#0	4.498	5.122	17.5
			16-QAM	RB25#0	4.503	5.033	17.6
	10 MHz	LCH	QPSK	RB50#0	8.994	10.108	17.7
			16-QAM	RB50#0	8.976	10.069	17.8
		MCH	QPSK	RB50#0	8.985	10.271	17.9
			16-QAM	RB50#0	8.985	9.841	17.10
		HCH	QPSK	RB50#0	8.995	10.425	17.11
			16-QAM	RB50#0	8.956	10.07	17.12

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
	15 MHz	LCH	QPSK	RB75#0	13.417	15.258	17.13
			16-QAM	RB75#0	13.501	14.939	17.14
		MCH	QPSK	RB75#0	13.507	15.298	17.15
			16-QAM	RB75#0	13.478	15.044	17.16
		HCH	QPSK	RB75#0	13.423	14.764	17.17
			16-QAM	RB75#0	13.502	15.093	17.18
	20 MHz	LCH	QPSK	RB100#0	17.943	20.195	17.19
			16-QAM	RB100#0	17.939	20.379	17.20
		MCH	QPSK	RB100#0	17.984	20.16	17.21
			16-QAM	RB100#0	17.926	19.766	17.22
		HCH	QPSK	RB100#0	17.918	19.786	17.23
			16-QAM	RB100#0	17.932	20.091	17.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 41	5 MHz	LCH	QPSK	RB25#0	4.504	5.174	18.1
			16-QAM	RB25#0	4.509	5.178	18.2
		MCH	QPSK	RB25#0	4.505	4.967	18.3
			16-QAM	RB25#0	4.499	5.008	18.4
		HCH	QPSK	RB25#0	4.497	5.081	18.5
			16-QAM	RB25#0	4.502	5.027	18.6
	10 MHz	LCH	QPSK	RB50#0	8.989	10.28	18.7
			16-QAM	RB50#0	8.983	9.85	18.8
		MCH	QPSK	RB50#0	8.988	10.433	18.9
			16-QAM	RB50#0	8.957	9.894	18.10
		HCH	QPSK	RB50#0	8.992	9.998	18.11
			16-QAM	RB50#0	8.969	10.07	18.12
	15 MHz	LCH	QPSK	RB75#0	13.482	15.22	18.13
			16-QAM	RB75#0	13.466	15.052	18.14
		MCH	QPSK	RB75#0	13.427	14.787	18.15
			16-QAM	RB75#0	13.516	15.149	18.16
		HCH	QPSK	RB75#0	13.445	15.456	18.17
			16-QAM	RB75#0	13.489	14.882	18.18
	20 MHz	LCH	QPSK	RB100#0	17.968	20.26	18.19
			16-QAM	RB100#0	17.913	19.718	18.20
		MCH	QPSK	RB100#0	17.931	19.793	18.21
			16-QAM	RB100#0	17.957	20.105	18.22

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
		HCH	QPSK	RB100#0	17.937	20.208	18.23
			16-QAM	RB100#0	17.934	20.016	18.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.088	1.278	19.1
			16-QAM	RB6#0	1.096	1.28	19.2
		MCH	QPSK	RB6#0	1.093	1.287	19.3
			16-QAM	RB6#0	1.088	1.273	19.4
		HCH	QPSK	RB6#0	1.091	1.268	19.5
			16-QAM	RB6#0	1.09	1.297	19.6
	3 MHz	LCH	QPSK	RB15#0	2.703	2.985	19.7
			16-QAM	RB15#0	2.703	2.969	19.8
		MCH	QPSK	RB15#0	2.703	2.988	19.9
			16-QAM	RB15#0	2.701	2.992	19.10
		HCH	QPSK	RB15#0	2.702	2.982	19.11
			16-QAM	RB15#0	2.698	2.989	19.12
	5 MHz	LCH	QPSK	RB25#0	4.508	4.997	19.13
			16-QAM	RB25#0	4.497	4.968	19.14
		MCH	QPSK	RB25#0	4.498	4.987	19.15
			16-QAM	RB25#0	4.507	5.01	19.16
		HCH	QPSK	RB25#0	4.494	4.975	19.17
			16-QAM	RB25#0	4.507	5.027	19.18
	10 MHz	LCH	QPSK	RB50#0	8.969	9.931	19.19
			16-QAM	RB50#0	8.976	9.859	19.20
		MCH	QPSK	RB50#0	8.951	9.899	19.21
			16-QAM	RB50#0	8.952	9.844	19.22
		HCH	QPSK	RB50#0	8.958	9.927	19.23
			16-QAM	RB50#0	8.949	9.91	19.24
	15 MHz	LCH	QPSK	RB75#0	13.462	14.818	19.25
			16-QAM	RB75#0	13.459	14.768	19.26
		MCH	QPSK	RB75#0	13.414	14.712	19.27
			16-QAM	RB75#0	13.454	14.65	19.28
		HCH	QPSK	RB75#0	13.426	14.81	19.29
			16-QAM	RB75#0	13.449	14.77	19.30
	20 MHz	LCH	QPSK	RB100#0	17.925	19.383	19.31
			16-QAM	RB100#0	17.935	19.443	19.32

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
		MCH	QPSK	RB100#0	17.917	19.441	19.33
			16-QAM	RB100#0	17.928	19.567	19.34
		HCH	QPSK	RB100#0	17.947	19.678	19.35
			16-QAM	RB100#0	17.892	19.464	19.36

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured - 26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
		Size	Offset	Size	Offset			
CA_7C								
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.83	29.76	20.1
	16-QAM	50	0	100	0	27.69	29.56	20.2
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.84	29.8	20.3
	16-QAM	100	0	50	0	27.82	29.66	20.4
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.41	30.52	20.5
	16-QAM	75	0	75	0	28.44	30.42	20.6
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.71	35.04	20.7
	16-QAM	75	0	100	0	32.64	34.84	20.8
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.68	34.96	20.9
	16-QAM	100	0	75	0	32.67	34.9	20.10
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.61	41.29	20.11
	16-QAM	100	0	100	0	37.45	40.1	20.12

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured - 26 dB Occupied Bandwidth (MHz)	Refer to Plot ^{Note2}
		Size	Offset	Size	Offset			
CA_38C								
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.35	30.76	21.1
	16-QAM	75	0	75	0	28.38	32.1	21.2
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.48	40.49	21.3
	16-QAM	100	0	100	0	37.42	40.99	21.4

A.4 Frequency Stability

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	14.01	±2060.5	9.33	±2091.5	16.63	±2122	Pass
	-20	12.27		12.59		11.11		
	-10	9.23		13.62		11.4		
	0	16.37		16.47		11.24		
	+10	13.14		14.88		10.59		
	+20	11.24		14.43		16.56		
	+25	10.85		3.94		12.4		
	+30	19.21		12.79		16.08		
	+40	16.89		12.07		14.53		
	+50	12.17		14.21		15.79		
4.45	+25	8.1		10.82		22.92		
3.6	+25	10.56		14.69		15.56		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	12.98	±4625.5	5.94	±4700.0	14.27	±4774.5	Pass
	-20	12.62		10.3		16.3		
	-10	22.66		12.3		12.33		
	0	16.56		5.33		14.98		
	+10	18.66		5.91		20.11		
	+20	21.6		13.5		15.27		
	+25	8.23		14.24		11.82		
	+30	18.27		8.65		20.66		
	+40	18.85		4.52		14.46		
	+50	25.25		11.33		14.37		
4.45	+25	15.27		13.01		20.4		
3.6	+25	22.54		13.79		18.73		

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	30.38	±2060.5	20.7	±2091.5	22.47	±2122	Pass
	-20	26.25		17.72		19.63		
	-10	27.67		23.21		24.05		
	0	29.44		26.18		22.83		
	+10	26.31		20.92		21.76		
	+20	23.96		21.92		24.05		
	+25	25.7		20.79		20.4		
	+30	25.31		25.63		19.79		
	+40	29.09		28.96		18.6		
	+50	28.12		23.96		16.66		
4.45	+25	25.76		19.44		18.95		
3.6	+25	26.28		23.44		19.11		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	22.79	±4625.5	22.34	±4700.0	11.91	±4774.5	Pass
	-20	25.57		25.54		18.92		
	-10	22.79		21.31		14.69		
	0	22.5		21.08		17.85		
	+10	26.93		23.37		16.05		
	+20	26.05		24.09		17.34		
	+25	28.44		23.18		18.92		
	+30	20.86		24.92		15.72		
	+40	-20.63		20.76		-27.7		
	+50	-31.38		-30.09		22.34		
4.45	+25	32.45		31.25		24.96		
3.6	+25	26.73		31.38		26.8		

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	26.47	±2060.5	31.25	±2091.5	31.35	±2122	Pass
	-20	30.48		31.74		19.98		
	-10	28.41		28.12		29.41		
	0	28.41		32.64		31.9		
	+10	29.02		31.48		28.99		
	+20	29.25		28.25		27.99		
	+25	29.61		29.09		29.67		
	+30	26.09		29.44		30.96		
	+40	25.54		30.54		28.06		
	+50	28.83		33.87		30.77		
4.45	+25	26.35		33.09		31.09		
3.6	+25	24.7		30.77		32		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	27.28	±4625.5	24.67	±4700.0	17.79	±4774.5	Pass
	-20	25.38		22.12		19.6		
	-10	25.41		20.99		21.66		
	0	20.66		27.06		12.49		
	+10	26.18		24.44		18.08		
	+20	27.8		26.73		22.57		
	+25	28.44		22.47		18.63		
	+30	23.67		23.63		19.57		
	+40	21.37		21.63		19.92		
	+50	22.92		24.21		21.44		
4.45	+25	22.47		21.47		20.92		
3.6	+25	32.22		27.35		18.6		

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	3.19	±4631	0.31	±4700	-5.24	±4769	Pass
	-20	2.2		-2.63		-6.94		
	-10	2.48		-0.26		-5.72		
	0	2.27		0.05		-7.22		
	+10	3.33		-1.73		-5.86		
	+20	1.08		-2.37		-6.38		
	+25	2.24		-2.14		-5.91		
	+30	3.3		-1		-5.57		
	+40	1.96		-2.47		-6.89		
	+50	1.7		-2.35		-6.27		
4.45	+25	1.46		-3.33		-5.97		
3.6	+25	1.33		-2.45		-5.78		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	16.3	±4281	-2.31	±4331	-14.38	±4381.5	Pass
	-20	15.68		-1.99		-13.99		
	-10	13.14		-2.1		-12.93		
	0	12.66		-3.12		-13.71		
	+10	13.06		-3.4		-14.04		
	+20	15.25		-1.46		-12.94		
	+25	13.83		-3.46		-13.87		
	+30	13.09		-3.63		-14.41		
	+40	14.67		-2.91		-12.97		
	+50	13.41		-2.27		-13.48		
4.45	+25	13.75		-3.15		-12.05		
3.6	+25	13.28		-2.55		-13.26		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	2.43	±2066	0.51	±2091	-1.69	±2116.5	Pass
	-20	0.94		-0.02		-1.95		
	-10	1.09		-0.62		-2.36		
	0	0.39		-0.18		-1.91		
	+10	0.9		0.19		-2.12		
	+20	1.11		-0.33		-1.97		
	+25	0.59		-0.79		-2.42		
	+30	0.61		-0.04		-1.85		
	+40	0.7		0.18		-1.74		
	+50	0.88		0.06		-1.79		
4.45	+25	0.46		-0.43		-2.11		
3.6	+25	0.64		0.3		-2.26		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	5.09	±4700	Pass
	-20	4.23		
	-10	6.19		
	0	5.82		
	+10	4.33		
	+20	6.55		
	+25	3.4		
	+30	3.2		
	+40	5.45		
	+50	6.25		
4.45	+25	3.26		
3.6	+25	2.85		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	4.41	±4700	Pass
	-20	5.06		
	-10	6.94		
	0	4.71		
	+10	4.49		
	+20	6.47		
	+25	3.25		
	+30	3.96		
	+40	3.76		
	+50	5.68		
4.45	+25	5.12		
3.6	+25	4.98		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	3.53	±4331.25	Pass
	-20	2.16		
	-10	3.08		
	0	2.59		
	+10	3.78		
	+20	3.1		
	+25	3.58		
	+30	1.73		
	+40	2.7		
	+50	2.5		
4.45	+25	1.87		
3.6	+25	2.07		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	3.25	±4331.25	Pass
	-20	3.23		
	-10	1.54		
	0	2.78		
	+10	2.99		
	+20	3.63		
	+25	1.65		
	+30	1.89		
	+40	1.44		
	+50	1.8		
4.45	+25	1.53		
3.6	+25	2.19		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	1.29	±2091.25	Pass
	-20	0.59		
	-10	-0.34		
	0	0.39		
	+10	1.09		
	+20	0.39		
	+25	-0.04		
	+30	0.82		
	+40	0.23		
	+50	1.17		
4.45	+25	1.26		
3.6	+25	0.34		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	0.01	±2091.25	Pass
	-20	0.63		
	-10	0.29		
	0	-0.4		
	+10	1.49		
	+20	1.8		
	+25	0.33		
	+30	1.57		
	+40	0.26		
	+50	0.73		
4.45	+25	-0.04		
3.6	+25	0.31		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-1.3	±6337.5	Pass
	-20	-2.36		
	-10	0.7		
	0	0.41		
	+10	-2.02		
	+20	-1.06		
	+25	-1.57		
	+30	-0.99		
	+40	0		
	+50	-0.33		
4.45	+25	-1.37		
3.6	+25	-0.33		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-1.57	±6337.5	Pass
	-20	-2.96		
	-10	-1.96		
	0	-2		
	+10	-2.79		
	+20	-0.96		
	+25	-1.66		
	+30	-1.42		
	+40	-2.66		
	+50	-1.6		
4.45	+25	-1.63		
3.6	+25	-1.19		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-0.06	±1768.75	Pass
	-20	-0.31		
	-10	-0.37		
	0	-0.46		
	+10	0.4		
	+20	0.01		
	+25	0.24		
	+30	0.46		
	+40	-1.09		
	+50	1.62		
4.45	+25	-1.02		
3.6	+25	-0.04		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-0.63	±1768.75	Pass
	-20	-0.14		
	-10	0.9		
	0	-0.77		
	+10	1.6		
	+20	-1.32		
	+25	1.65		
	+30	-0.19		
	+40	-1.19		
	+50	0.56		
4.45	+25	-1.26		
3.6	+25	-0.86		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	0.4	±1955	Pass
	-20	2.5		
	-10	-0.2		
	0	2.82		
	+10	1.37		
	+20	0.21		
	+25	1.32		
	+30	1.49		
	+40	0.5		
	+50	1.96		
4.45	+25	1.5		
3.6	+25	-1.36		

LTE Band 13 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-0.17	±1955	Pass
	-20	1.03		
	-10	-0.63		
	0	2.7		
	+10	1.59		
	+20	1.37		
	+25	0.36		
	+30	-0.06		
	+40	1.32		
	+50	1.37		
4.45	+25	1.69		
3.6	+25	-0.26		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	1.47	±1775	Pass
	-20	1.95		
	-10	1.12		
	0	1.97		
	+10	1.5		
	+20	1.52		
	+25	0.76		
	+30	1.09		
	+40	-0.5		
	+50	0.03		
4.45	+25	0.41		
3.6	+25	0.33		

LTE Band 17 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	1.65	±1775	Pass
	-20	1.56		
	-10	1.33		
	0	0.72		
	+10	2.06		
	+20	1.39		
	+25	0.77		
	+30	0.86		
	+40	0.3		
	+50	0.57		
4.45	+25	0.39		
3.6	+25	-0.79		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	0.39	±2047.5	Pass
	-20	0.33		
	-10	0.51		
	0	1.49		
	+10	0.47		
	+20	-1.47		
	+25	0.83		
	+30	1.62		
	+40	-1.17		
	+50	-1.27		
4.45	+25	-0.14	±2047.5	Pass
3.6	+25	1.56		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-1.14	±2047.5	Pass
	-20	-1.19		
	-10	0.66		
	0	1.04		
	+10	-0.41		
	+20	0.26		
	+25	-0.6		
	+30	0.76		
	+40	1.77		
	+50	0.04		
4.45	+25	-1.1	±2047.5	Pass
3.6	+25	-1.26		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	1.1	±2091.25	Pass
	-20	-0.07		
	-10	1.49		
	0	-0.46		
	+10	0.62		
	+20	-0.27		
	+25	-0.06		
	+30	0.64		
	+40	-0.49		
	+50	-0.01		
4.45	+25	0.72		
3.6	+25	-0.76		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	1.8	±2091.25	Pass
	-20	0		
	-10	0.03		
	0	-0.53		
	+10	0.33		
	+20	-0.36		
	+25	0.8		
	+30	-1.57		
	+40	-0.4		
	+50	0.27		
4.45	+25	-0.94		
3.6	+25	-0.04		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	2.88	±6487.5	Pass
	-20	0.74		
	-10	2.92		
	0	6.32		
	+10	5.28		
	+20	3.72		
	+25	2.62		
	+30	3.99		
	+40	2.65		
	+50	3.55		
4.45	+25	5.32		
3.6	+25	3.02		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	1.47	±6487.5	Pass
	-20	5.48		
	-10	2.56		
	0	3.82		
	+10	2.25		
	+20	3.53		
	+25	3.58		
	+30	4.84		
	+40	6.07		
	+50	3.96		
4.45	+25	2.1		
3.6	+25	1.52		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	8.75	±6482.5	Pass
	-20	7.14		
	-10	7.21		
	0	4.98		
	+10	8.54		
	+20	10.7		
	+25	9.28		
	+30	10.16		
	+40	6.01		
	+50	9.27		
4.45	+25	13.33		
3.6	+25	6.67		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	8.03	±6482.5	Pass
	-20	9.33		
	-10	6.57		
	0	9.46		
	+10	9.17		
	+20	8.91		
	+25	8.44		
	+30	7.61		
	+40	7.6		
	+50	9.36		
4.45	+25	9.86		
3.6	+25	6.11		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-1.79	±4362.5	Pass
	-20	-1.39		
	-10	-0.87		
	0	-0.74		
	+10	-1.6		
	+20	-1.2		
	+25	-1.59		
	+30	-1.37		
	+40	-0.41		
	+50	-1.59		
4.45	+25	0.03		
3.6	+25	-0.5		

LTE Band 66 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	0.04	±4362.5	Pass
	-20	-1.03		
	-10	-0.56		
	0	0.07		
	+10	-2.25		
	+20	0.2		
	+25	-2.6		
	+30	-0.79		
	+40	-0.44		
	+50	-0.53		
4.45	+25	0.06		
3.6	+25	-2.65		

CA_7C QPSK 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-0.77	±6,325.25	-1.29	±6,361.25	Pass
	-20	-1.03		-1.83		
	-10	-0.4		-3.74		
	0	-0.41		-2.32		
	+10	-2.66		-1.76		
	+20	-1.97		-2.97		
	+25	-4.09		-4.87		
	+30	-2.07		-1.11		
	+40	-3.03		-3.23		
	+50	-3.79		-0.72		
4.45	+25	-5.75		-1.32		
3.6	+25	-3.19		-4.49		

CA_7C 16QAM 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-0.83	±6,325.25	-0.93	±6,361.25	Pass
	-20	-1.43		-1.02		
	-10	1.22		2.84		
	0	0.74		0.88		
	+10	-0.56		1.39		
	+20	-0.98		1.73		
	+25	-1.04		1.84		
	+30	-1.53		1.76		
	+40	-1.71		-0.44		
	+50	-1.31		2.65		
4.45	+25	-1.83		3.56		
3.6	+25	1.04		0.43		

CA_7C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-1.72	±6,312.75	-1.39	±6,362.25	Pass
	-20	-4.18		-1.2		
	-10	-4.11		-0.9		
	0	-3.83		-3.02		
	+10	0.09		-2.06		
	+20	-4.56		-4.3		
	+25	-2.88		-3.01		
	+30	-1.72		-2.99		
	+40	-1.19		-0.77		
	+50	-0.73		-1.02		
4.45	+25	-0.31		-5.54		
3.6	+25	-4.44		-6.62		

CA_7C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	0.51	±6,312.75	-2.36	±6,362.25	Pass
	-20	-0.09		-3.15		
	-10	-0.06		-4.18		
	0	1.32		-0.27		
	+10	-1.63		-1.83		
	+20	-3.1		-1.92		
	+25	-7.02		-1.9		
	+30	-1		-4.89		
	+40	-3.4		-5.32		
	+50	-0.66		-2.56		
4.45	+25	-0.72		-2.95		
3.6	+25	-2.56		-5.79		

CA_38C QPSK 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-0.62	±6,468.75	1.34	±6,506.25	Pass
	-20	-0.27		4.35		
	-10	-0.35		4.19		
	0	-0.19		1.76		
	+10	0.16		2.52		
	+20	-0.77		2.35		
	+25	-1.09		-1.06		
	+30	-0.1		2.07		
	+40	-1.09		3.43		
	+50	1.24		0.49		
4.45	+25	0.73		1.27		
3.6	+25	-1.86		1.63		

CA_38C 16QAM 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-0.23	±6,468.75	-4.84	±6,506.25	Pass
	-20	0.4		-2.32		
	-10	2		-1.09		
	0	-2.16		0.04		
	+10	-1.44		-0.93		
	+20	0.53		-3.73		
	+25	1.24		-0.87		
	+30	2.3		-3.09		
	+40	1.17		3.06		
	+50	-3.02		-1.72		
4.45	+25	-1.32		-4.47		
3.6	+25	-2.47		3.15		

CA_38C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	3.02	±6,462.75	-2.78	±6,512.25	Pass
	-20	2.32		-3.92		
	-10	1.65		-1.33		
	0	1.34		0.5		
	+10	-0.05		1		
	+20	0.56		-1.72		
	+25	2.73		-1.61		
	+30	1.41		0.32		
	+40	2.1		-0.78		
	+50	1.43		1.67		
4.45	+25	1.67		-3.34		
3.6	+25	2		-2.32		

CA_38C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	2.72	±6,462.75	-0.33	±6,512.25	Pass
	-20	2.23		0.89		
	-10	1.99		0.24		
	0	1.87		-1.51		
	+10	1.54		-0.32		
	+20	1.6		-0.43		
	+25	3.11		-1.38		
	+30	0.76		-2.97		
	+40	0.55		-3.65		
	+50	-0.37		-1.93		
4.45	+25	1.02		-0.93		
3.6	+25	1.55		-0.84		

A.5 Spurious Emission at Antenna Terminals

Note 1: GSM and EGPRS modes have been verified, and only the worst data with different bandwidth for LTE are shown here.

Note 2: The frequencies of verdict which are marked by "N/A" should be ignored because they are UE carrier frequency.

Note 3: Test plots please refer to the document "Annex No.:BL-SZ2391253-501 Data Part 3.pdf".

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot ^{Note3}	Verdict
GSM 850	LCH	1.1	Pass
	MCH	1.2	Pass
	HCH	1.3	Pass
GSM 1900	LCH	2.1	Pass
	MCH	2.2	Pass
	HCH	2.3	Pass
EGPRS 850	LCH	3.1	Pass
	MCH	3.2	Pass
	HCH	3.3	Pass
EGPRS 1900	LCH	4.1	Pass
	MCH	4.2	Pass
	HCH	4.3	Pass
WCDMA Band 2	LCH	5.1	Pass
	MCH	5.2	Pass
	HCH	5.3	Pass
WCDMA Band 4	LCH	6.1	Pass
	MCH	6.2	Pass
	HCH	6.3	Pass
WCDMA Band 5	LCH	7.1	Pass
	MCH	7.2	Pass
	HCH	7.3	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#0	8.1	Pass
			16-QAM	RB1#0	8.2	Pass
		MCH	QPSK	RB1#0	8.3	Pass
			16-QAM	RB1#0	8.4	Pass
		HCH	QPSK	RB1#0	8.5	Pass
			16-QAM	RB1#0	8.6	Pass
	3 MHz	LCH	QPSK	RB1#0	8.7	Pass
			16-QAM	RB1#0	8.8	Pass
		MCH	QPSK	RB1#0	8.9	Pass
			16-QAM	RB1#0	8.10	Pass
		HCH	QPSK	RB1#0	8.11	Pass
			16-QAM	RB1#0	8.12	Pass
	5 MHz	LCH	QPSK	RB1#0	8.13	Pass
			16-QAM	RB1#0	8.14	Pass
		MCH	QPSK	RB1#0	8.15	Pass
			16-QAM	RB1#0	8.16	Pass
		HCH	QPSK	RB1#0	8.17	Pass
			16-QAM	RB1#0	8.18	Pass
	10 MHz	LCH	QPSK	RB1#0	8.19	Pass
			16-QAM	RB1#0	8.20	Pass
		MCH	QPSK	RB1#0	8.21	Pass
			16-QAM	RB1#0	8.22	Pass
		HCH	QPSK	RB1#0	8.23	Pass
			16-QAM	RB1#0	8.24	Pass
	15 MHz	LCH	QPSK	RB1#0	8.25	Pass
			16-QAM	RB1#0	8.26	Pass
		MCH	QPSK	RB1#0	8.27	Pass
			16-QAM	RB1#0	8.28	Pass
		HCH	QPSK	RB1#0	8.29	Pass
			16-QAM	RB1#0	8.30	Pass
	20 MHz	LCH	QPSK	RB1#0	8.31	Pass
			16-QAM	RB1#0	8.32	Pass
		MCH	QPSK	RB1#0	8.33	Pass
			16-QAM	RB1#0	8.34	Pass
		HCH	QPSK	RB1#0	8.35	Pass
			16-QAM	RB1#0	8.36	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB1#0	9.1	Pass
			16-QAM	RB1#0	9.2	Pass
		MCH	QPSK	RB1#0	9.3	Pass
			16-QAM	RB1#0	9.4	Pass
		HCH	QPSK	RB1#0	9.5	Pass
			16-QAM	RB1#0	9.6	Pass
	3 MHz	LCH	QPSK	RB1#0	9.7	Pass
			16-QAM	RB1#0	9.8	Pass
		MCH	QPSK	RB1#0	9.9	Pass
			16-QAM	RB1#0	9.10	Pass
		HCH	QPSK	RB1#0	9.11	Pass
			16-QAM	RB1#0	9.12	Pass
	5 MHz	LCH	QPSK	RB1#0	9.13	Pass
			16-QAM	RB1#0	9.14	Pass
		MCH	QPSK	RB1#0	9.15	Pass
			16-QAM	RB1#0	9.16	Pass
		HCH	QPSK	RB1#0	9.17	Pass
			16-QAM	RB1#0	9.18	Pass
	10 MHz	LCH	QPSK	RB1#0	9.19	Pass
			16-QAM	RB1#0	9.20	Pass
		MCH	QPSK	RB1#0	9.21	Pass
			16-QAM	RB1#0	9.22	Pass
		HCH	QPSK	RB1#0	9.23	Pass
			16-QAM	RB1#0	9.24	Pass
	15 MHz	LCH	QPSK	RB1#0	9.25	Pass
			16-QAM	RB1#0	9.26	Pass
		MCH	QPSK	RB1#0	9.27	Pass
			16-QAM	RB1#0	9.28	Pass
		HCH	QPSK	RB1#0	9.29	Pass
			16-QAM	RB1#0	9.30	Pass
	20 MHz	LCH	QPSK	RB1#0	9.31	Pass
			16-QAM	RB1#0	9.32	Pass
		MCH	QPSK	RB1#0	9.33	Pass
			16-QAM	RB1#0	9.34	Pass
		HCH	QPSK	RB1#0	9.35	Pass
			16-QAM	RB1#0	9.36	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 5	1.4 MHz	LCH	QPSK	RB1#0	10.1	Pass
			16-QAM	RB1#0	10.2	Pass
		MCH	QPSK	RB1#0	10.3	Pass
			16-QAM	RB1#0	10.4	Pass
		HCH	QPSK	RB1#0	10.5	Pass
			16-QAM	RB1#0	10.6	Pass
	3 MHz	LCH	QPSK	RB1#0	10.7	Pass
			16-QAM	RB1#0	10.8	Pass
		MCH	QPSK	RB1#0	10.9	Pass
			16-QAM	RB1#0	10.10	Pass
		HCH	QPSK	RB1#0	10.11	Pass
			16-QAM	RB1#0	10.12	Pass
	5 MHz	LCH	QPSK	RB1#0	10.13	Pass
			16-QAM	RB1#0	10.14	Pass
		MCH	QPSK	RB1#0	10.15	Pass
			16-QAM	RB1#0	10.16	Pass
		HCH	QPSK	RB1#0	10.17	Pass
			16-QAM	RB1#0	10.18	Pass
	10 MHz	LCH	QPSK	RB1#0	10.19	Pass
			16-QAM	RB1#0	10.20	Pass
		MCH	QPSK	RB1#0	10.21	Pass
			16-QAM	RB1#0	10.22	Pass
		HCH	QPSK	RB1#0	10.23	Pass
			16-QAM	RB1#0	10.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 7	5 MHz	LCH	QPSK	RB1#0	11.1	Pass
			16-QAM	RB1#0	11.2	Pass
		MCH	QPSK	RB1#0	11.3	Pass
			16-QAM	RB1#0	11.4	Pass
		HCH	QPSK	RB1#0	11.5	Pass
			16-QAM	RB1#0	11.6	Pass
	10 MHz	LCH	QPSK	RB1#0	11.7	Pass
			16-QAM	RB1#0	11.8	Pass
		MCH	QPSK	RB1#0	11.9	Pass
			16-QAM	RB1#0	11.10	Pass
		HCH	QPSK	RB1#0	11.11	Pass
			16-QAM	RB1#0	11.12	Pass
	15 MHz	LCH	QPSK	RB1#0	11.13	Pass
			16-QAM	RB1#0	11.14	Pass
		MCH	QPSK	RB1#0	11.15	Pass
			16-QAM	RB1#0	11.16	Pass
		HCH	QPSK	RB1#0	11.17	Pass
			16-QAM	RB1#0	11.18	Pass
	20 MHz	LCH	QPSK	RB1#0	11.19	Pass
			16-QAM	RB1#0	11.20	Pass
		MCH	QPSK	RB1#0	11.21	Pass
			16-QAM	RB1#0	11.22	Pass
		HCH	QPSK	RB1#0	11.23	Pass
			16-QAM	RB1#0	11.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#0	12.1	Pass
			16-QAM	RB1#0	12.2	Pass
		MCH	QPSK	RB1#0	12.3	Pass
			16-QAM	RB1#0	12.4	Pass
		HCH	QPSK	RB1#0	12.5	Pass
			16-QAM	RB1#0	12.6	Pass
	3 MHz	LCH	QPSK	RB1#0	12.7	Pass
			16-QAM	RB1#0	12.8	Pass
		MCH	QPSK	RB1#0	12.9	Pass
			16-QAM	RB1#0	12.10	Pass
		HCH	QPSK	RB1#0	12.11	Pass
			16-QAM	RB1#0	12.12	Pass
	5 MHz	LCH	QPSK	RB1#0	12.13	Pass
			16-QAM	RB1#0	12.14	Pass
		MCH	QPSK	RB1#0	12.15	Pass
			16-QAM	RB1#0	12.16	Pass
		HCH	QPSK	RB1#0	12.17	Pass
			16-QAM	RB1#0	12.18	Pass
	10 MHz	LCH	QPSK	RB1#0	12.19	Pass
			16-QAM	RB1#0	12.20	Pass
		MCH	QPSK	RB1#0	12.21	Pass
			16-QAM	RB1#0	12.22	Pass
		HCH	QPSK	RB1#0	12.23	Pass
			16-QAM	RB1#0	12.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note2}	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#0	13.1	Pass
			16-QAM	RB1#0	13.2	Pass
		MCH	QPSK	RB1#0	13.3	Pass
			16-QAM	RB1#0	13.4	Pass
		HCH	QPSK	RB1#0	13.5	Pass
			16-QAM	RB1#0	13.6	Pass
	10 MHz	LCH	QPSK	RB1#0	13.7	Pass
			16-QAM	RB1#0	13.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	14.1	Pass
			16-QAM	RB1#0	14.2	Pass
		MCH	QPSK	RB1#0	14.3	Pass
			16-QAM	RB1#0	14.4	Pass
		HCH	QPSK	RB1#0	14.5	Pass
			16-QAM	RB1#0	14.6	Pass
	10 MHz	LCH	QPSK	RB1#0	14.7	Pass
			16-QAM	RB1#0	14.8	Pass
		MCH	QPSK	RB1#0	14.9	Pass
			16-QAM	RB1#0	14.10	Pass
		HCH	QPSK	RB1#0	14.11	Pass
			16-QAM	RB1#0	14.12	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB1#0	15.1	Pass
			16-QAM	RB1#0	15.2	Pass
		MCH	QPSK	RB1#0	15.3	Pass
			16-QAM	RB1#0	15.4	Pass
		HCH	QPSK	RB1#0	15.5	Pass
			16-QAM	RB1#0	15.6	Pass
	3 MHz	LCH	QPSK	RB1#0	15.7	Pass
			16-QAM	RB1#0	15.8	Pass
		MCH	QPSK	RB1#0	15.9	Pass
			16-QAM	RB1#0	15.10	Pass
		HCH	QPSK	RB1#0	15.11	Pass
			16-QAM	RB1#0	15.12	Pass
	5 MHz	LCH	QPSK	RB1#0	15.13	Pass
			16-QAM	RB1#0	15.14	Pass
		MCH	QPSK	RB1#0	15.15	Pass
			16-QAM	RB1#0	15.16	Pass
		HCH	QPSK	RB1#0	15.17	Pass
			16-QAM	RB1#0	15.18	Pass
	10 MHz	LCH	QPSK	RB1#0	15.19	Pass
			16-QAM	RB1#0	15.20	Pass
		MCH	QPSK	RB1#0	15.21	Pass
			16-QAM	RB1#0	15.22	Pass
		HCH	QPSK	RB1#0	15.23	Pass
			16-QAM	RB1#0	15.24	Pass
	15 MHz	LCH	QPSK	RB1#0	15.25	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
			16-QAM	RB1#0	15.26	Pass
		MCH	QPSK	RB1#0	15.27	Pass
			16-QAM	RB1#0	15.28	Pass
		HCH	QPSK	RB1#0	15.29	Pass
			16-QAM	RB1#0	15.30	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB1#0	16.1	Pass
			16-QAM	RB1#0	16.2	Pass
		MCH	QPSK	RB1#0	16.3	Pass
			16-QAM	RB1#0	16.4	Pass
		HCH	QPSK	RB1#0	16.5	Pass
			16-QAM	RB1#0	16.6	Pass
	3 MHz	LCH	QPSK	RB1#0	16.7	Pass
			16-QAM	RB1#0	16.8	Pass
		MCH	QPSK	RB1#0	16.9	Pass
			16-QAM	RB1#0	16.10	Pass
		HCH	QPSK	RB1#0	16.11	Pass
			16-QAM	RB1#0	16.12	Pass
	5 MHz	LCH	QPSK	RB1#0	16.13	Pass
			16-QAM	RB1#0	16.14	Pass
		MCH	QPSK	RB1#0	16.15	Pass
			16-QAM	RB1#0	16.16	Pass
		HCH	QPSK	RB1#0	16.17	Pass
			16-QAM	RB1#0	16.18	Pass
	10 MHz	MCH	QPSK	RB1#0	16.19	Pass
			16-QAM	RB1#0	16.20	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	17.1	Pass
			16-QAM	RB1#0	17.2	Pass
		MCH	QPSK	RB1#0	17.3	Pass
			16-QAM	RB1#0	17.4	Pass
		HCH	QPSK	RB1#0	17.5	Pass
			16-QAM	RB1#0	17.6	Pass
	10 MHz	LCH	QPSK	RB1#0	17.7	Pass
			16-QAM	RB1#0	17.8	Pass
		MCH	QPSK	RB1#0	17.9	Pass
			16-QAM	RB1#0	17.10	Pass
		HCH	QPSK	RB1#0	17.11	Pass
			16-QAM	RB1#0	17.12	Pass
	15 MHz	LCH	QPSK	RB1#0	17.13	Pass
			16-QAM	RB1#0	17.14	Pass
		MCH	QPSK	RB1#0	17.15	Pass
			16-QAM	RB1#0	17.16	Pass
		HCH	QPSK	RB1#0	17.17	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
			16-QAM	RB1#0	17.18	Pass
	20 MHz	LCH	QPSK	RB1#0	17.19	Pass
			16-QAM	RB1#0	17.20	Pass
		MCH	QPSK	RB1#0	17.21	Pass
			16-QAM	RB1#0	17.22	Pass
		HCH	QPSK	RB1#0	17.23	Pass
			16-QAM	RB1#0	17.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	18.1	Pass
			16-QAM	RB1#0	18.2	Pass
		MCH	QPSK	RB1#0	18.3	Pass
			16-QAM	RB1#0	18.4	Pass
		HCH	QPSK	RB1#0	18.5	Pass
			16-QAM	RB1#0	18.6	Pass
	10 MHz	LCH	QPSK	RB1#0	18.7	Pass
			16-QAM	RB1#0	18.8	Pass
		MCH	QPSK	RB1#0	18.9	Pass
			16-QAM	RB1#0	18.10	Pass
		HCH	QPSK	RB1#0	18.11	Pass
			16-QAM	RB1#0	18.12	Pass
	15 MHz	LCH	QPSK	RB1#0	18.13	Pass
			16-QAM	RB1#0	18.14	Pass
		MCH	QPSK	RB1#0	18.15	Pass
			16-QAM	RB1#0	18.16	Pass
		HCH	QPSK	RB1#0	18.17	Pass
			16-QAM	RB1#0	18.18	Pass
	20 MHz	LCH	QPSK	RB1#0	18.19	Pass
			16-QAM	RB1#0	18.20	Pass
		MCH	QPSK	RB1#0	18.21	Pass
			16-QAM	RB1#0	18.22	Pass
		HCH	QPSK	RB1#0	18.23	Pass
			16-QAM	RB1#0	18.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note3}	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	19.1	Pass
			16-QAM	RB1#0	19.2	Pass
		MCH	QPSK	RB1#0	19.3	Pass
			16-QAM	RB1#0	19.4	Pass
		HCH	QPSK	RB1#0	19.5	Pass
			16-QAM	RB1#0	19.6	Pass
	3 MHz	LCH	QPSK	RB1#0	19.7	Pass
			16-QAM	RB1#0	19.8	Pass
		MCH	QPSK	RB1#0	19.9	Pass
			16-QAM	RB1#0	19.10	Pass
		HCH	QPSK	RB1#0	19.11	Pass
			16-QAM	RB1#0	19.12	Pass
	5 MHz	LCH	QPSK	RB1#0	19.13	Pass
			16-QAM	RB1#0	19.14	Pass
		MCH	QPSK	RB1#0	19.15	Pass
			16-QAM	RB1#0	19.16	Pass
		HCH	QPSK	RB1#0	19.17	Pass
			16-QAM	RB1#0	19.18	Pass
	10 MHz	LCH	QPSK	RB1#0	19.19	Pass
			16-QAM	RB1#0	19.20	Pass
		MCH	QPSK	RB1#0	19.21	Pass
			16-QAM	RB1#0	19.22	Pass
		HCH	QPSK	RB1#0	19.23	Pass
			16-QAM	RB1#0	19.24	Pass
	15 MHz	LCH	QPSK	RB1#0	19.25	Pass
			16-QAM	RB1#0	19.26	Pass
		MCH	QPSK	RB1#0	19.27	Pass
			16-QAM	RB1#0	19.28	Pass
		HCH	QPSK	RB1#0	19.29	Pass
			16-QAM	RB1#0	19.30	Pass
	20 MHz	LCH	QPSK	RB1#0	19.31	Pass
			16-QAM	RB1#0	19.32	Pass
		MCH	QPSK	RB1#0	19.33	Pass
			16-QAM	RB1#0	19.34	Pass
		HCH	QPSK	RB1#0	19.35	Pass
			16-QAM	RB1#0	19.36	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot ^{Note2}	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	0	1	49	20.1	Pass
		100	0	50	0	20.2	Pass
	16-QAM	1	0	1	49	20.3	Pass
		100	0	50	0	20.4	Pass
Mid	QPSK	1	0	1	49	20.5	Pass
		100	0	50	0	20.6	Pass
	16-QAM	1	0	1	49	20.7	Pass
		100	0	50	0	20.8	Pass
High	QPSK	1	0	1	49	20.9	Pass
		100	0	50	0	20.10	Pass
	16-QAM	1	0	1	49	20.11	Pass
		100	0	50	0	20.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	20.13	Pass
		100	0	100	0	20.14	Pass
	16-QAM	1	0	1	99	20.15	Pass
		100	0	100	0	20.16	Pass
Mid	QPSK	1	0	1	99	20.17	Pass
		100	0	100	0	20.18	Pass
	16-QAM	1	0	1	99	20.19	Pass
		100	0	100	0	20.20	Pass
High	QPSK	1	0	1	99	20.21	Pass
		100	0	100	0	20.22	Pass
	16-QAM	1	0	1	99	20.23	Pass
		100	0	100	0	20.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot ^{Note2}	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	1	74	21.1	Pass
		75	0	75	0	21.2	Pass
	16-QAM	1	0	1	74	21.3	Pass
		75	0	75	0	21.4	Pass
Mid	QPSK	1	0	1	74	21.5	Pass
		75	0	75	0	21.6	Pass
	16-QAM	1	0	1	74	21.7	Pass
		75	0	75	0	21.8	Pass
High	QPSK	1	0	1	74	21.9	Pass
		75	0	75	0	21.10	Pass
	16-QAM	1	0	1	74	21.11	Pass
		75	0	75	0	21.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	21.13	Pass
		100	0	100	0	21.14	Pass
	16-QAM	1	0	1	99	21.15	Pass
		100	0	100	0	21.16	Pass
Mid	QPSK	1	0	1	99	21.17	Pass
		100	0	100	0	21.18	Pass
	16-QAM	1	0	1	99	21.19	Pass
		100	0	100	0	21.20	Pass
High	QPSK	1	0	1	99	21.21	Pass
		100	0	100	0	21.22	Pass
	16-QAM	1	0	1	99	21.23	Pass
		100	0	100	0	21.24	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.:BL-SZ2391253-501 Data Part 4.pdf”.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot ^{Note1}	Verdict
GSM 850	LCH	1.1	Pass
	HCH	1.2	Pass
GSM 1900	LCH	2.1	Pass
	HCH	2.2	Pass
EGPRS 850	LCH	3.1	Pass
	HCH	3.2	Pass
EGPRS 1900	LCH	4.1	Pass
	HCH	4.2	Pass
WCDMA Band 2	LCH	5.1	Pass
	HCH	5.2	Pass
WCDMA Band 4	LCH	6.1	Pass
	HCH	6.2	Pass
WCDMA Band 5	LCH	7.1	Pass
	HCH	7.2	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#0	8.1	Pass
				RB6#0	8.2	Pass
			16-QAM	RB1#0	8.3	Pass
				RB6#0	8.4	Pass
		HCH	QPSK	RB1#5	8.5	Pass
				RB6#0	8.6	Pass
			16-QAM	RB1#5	8.7	Pass
				RB6#0	8.8	Pass
	3 MHz	LCH	QPSK	RB1#0	8.9	Pass
				RB15#0	8.10	Pass
			16-QAM	RB1#0	8.11	Pass
				RB15#0	8.12	Pass
		HCH	QPSK	RB1#14	8.13	Pass
				RB15#0	8.14	Pass
			16-QAM	RB1#14	8.15	Pass
				RB15#0	8.16	Pass
	5 MHz	LCH	QPSK	RB1#0	8.17	Pass
				RB25#0	8.18	Pass
			16-QAM	RB1#0	8.19	Pass
				RB25#0	8.20	Pass
		HCH	QPSK	RB1#24	8.21	Pass
				RB25#0	8.22	Pass
			16-QAM	RB1#24	8.23	Pass
				RB25#0	8.24	Pass
	10 MHz	LCH	QPSK	RB1#0	8.25	Pass
				RB50#0	8.26	Pass
			16-QAM	RB1#0	8.27	Pass
				RB50#0	8.28	Pass
		HCH	QPSK	RB1#49	8.29	Pass
				RB50#0	8.30	Pass
			16-QAM	RB1#49	8.31	Pass
				RB50#0	8.32	Pass
	15 MHz	LCH	QPSK	RB1#0	8.33	Pass
				RB75#0	8.34	Pass
			16-QAM	RB1#0	8.35	Pass
				RB75#0	8.36	Pass
		HCH	QPSK	RB1#74	8.37	Pass
				RB75#0	8.38	Pass
			16-QAM	RB1#74	8.39	Pass
				RB1#74	8.39	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
	20 MHz	LCH	QPSK	RB75#0	8.40	Pass
				RB1#0	8.41	Pass
			16-QAM	RB100#0	8.42	Pass
				RB1#0	8.43	Pass
		HCH	QPSK	RB100#0	8.44	Pass
				RB1#99	8.45	Pass
			16-QAM	RB100#0	8.46	Pass
				RB1#99	8.47	Pass
				RB100#0	8.48	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB1#0	9.1	Pass
				RB6#0	9.2	Pass
			16-QAM	RB1#0	9.3	Pass
				RB6#0	9.4	Pass
		HCH	QPSK	RB1#5	9.5	Pass
				RB6#0	9.6	Pass
			16-QAM	RB1#5	9.7	Pass
				RB6#0	9.8	Pass
	3 MHz	LCH	QPSK	RB1#0	9.9	Pass
				RB15#0	9.10	Pass
			16-QAM	RB1#0	9.11	Pass
				RB15#0	9.12	Pass
		HCH	QPSK	RB1#14	9.13	Pass
				RB15#0	9.14	Pass
			16-QAM	RB1#14	9.15	Pass
				RB15#0	9.16	Pass
	5 MHz	LCH	QPSK	RB1#0	9.17	Pass
				RB25#0	9.18	Pass
			16-QAM	RB1#0	9.19	Pass
				RB25#0	9.20	Pass
		HCH	QPSK	RB1#24	9.21	Pass
				RB25#0	9.22	Pass
			16-QAM	RB1#24	9.23	Pass
				RB25#0	9.24	Pass
	10 MHz	LCH	QPSK	RB1#0	9.25	Pass
				RB50#0	9.26	Pass
			16-QAM	RB1#0	9.27	Pass
				RB50#0	9.28	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
		HCH	QPSK	RB1#49	9.29	Pass
				RB50#0	9.30	Pass
			16-QAM	RB1#49	9.31	Pass
				RB50#0	9.32	Pass
	15 MHz	LCH	QPSK	RB1#0	9.33	Pass
				RB75#0	9.34	Pass
			16-QAM	RB1#0	9.35	Pass
				RB75#0	9.36	Pass
		HCH	QPSK	RB1#74	9.37	Pass
				RB75#0	9.38	Pass
			16-QAM	RB1#74	9.39	Pass
				RB75#0	9.40	Pass
	20 MHz	LCH	QPSK	RB1#0	9.41	Pass
				RB100#0	9.42	Pass
			16-QAM	RB1#0	9.43	Pass
				RB100#0	9.44	Pass
		HCH	QPSK	RB1#99	9.45	Pass
				RB100#0	9.46	Pass
			16-QAM	RB1#99	9.47	Pass
				RB100#0	9.48	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 5	1.4 MHz	LCH	QPSK	RB1#0	10.1	Pass
				RB6#0	10.2	Pass
			16-QAM	RB1#0	10.3	Pass
				RB6#0	10.4	Pass
		HCH	QPSK	RB1#5	10.5	Pass
				RB6#0	10.6	Pass
			16-QAM	RB1#5	10.7	Pass
				RB6#0	10.8	Pass
	3 MHz	LCH	QPSK	RB1#0	10.9	Pass
				RB15#0	10.10	Pass
			16-QAM	RB1#0	10.11	Pass
				RB15#0	10.12	Pass
		HCH	QPSK	RB1#14	10.13	Pass
				RB15#0	10.14	Pass
			16-QAM	RB1#14	10.15	Pass
				RB15#0	10.16	Pass
	5 MHz	LCH	QPSK	RB1#0	10.17	Pass
				RB25#0	10.18	Pass
			16-QAM	RB1#0	10.19	Pass
				RB25#0	10.20	Pass
		HCH	QPSK	RB1#24	10.21	Pass
				RB25#0	10.22	Pass
			16-QAM	RB1#24	10.23	Pass
				RB25#0	10.24	Pass
	10 MHz	LCH	QPSK	RB1#0	10.25	Pass
				RB50#0	10.26	Pass
			16-QAM	RB1#0	10.27	Pass
				RB50#0	10.28	Pass
		HCH	QPSK	RB1#49	10.29	Pass
				RB50#0	10.30	Pass
			16-QAM	RB1#49	10.31	Pass
				RB50#0	10.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 7	5 MHz	LCH	QPSK	RB1#0	11.1	Pass
				RB25#0	11.2	Pass
			16-QAM	RB1#0	11.3	Pass
				RB25#0	11.4	Pass
		HCH	QPSK	RB1#24	11.5	Pass
				RB25#0	11.6	Pass
			16-QAM	RB1#24	11.7	Pass
				RB25#0	11.8	Pass
	10 MHz	LCH	QPSK	RB1#0	11.9	Pass
				RB50#0	11.10	Pass
			16-QAM	RB1#0	11.11	Pass
				RB50#0	11.12	Pass
		HCH	QPSK	RB1#49	11.13	Pass
				RB50#0	11.14	Pass
			16-QAM	RB1#49	11.15	Pass
				RB50#0	11.16	Pass
	15 MHz	LCH	QPSK	RB1#0	11.17	Pass
				RB75#0	11.18	Pass
			16-QAM	RB1#0	11.19	Pass
				RB75#0	11.20	Pass
		HCH	QPSK	RB1#74	11.21	Pass
				RB75#0	11.22	Pass
			16-QAM	RB1#74	11.23	Pass
				RB75#0	11.24	Pass
	20 MHz	LCH	QPSK	RB1#0	11.25	Pass
				RB100#0	11.26	Pass
			16-QAM	RB1#0	11.27	Pass
				RB100#0	11.28	Pass
		HCH	QPSK	RB1#99	11.29	Pass
				RB100#0	11.30	Pass
			16-QAM	RB1#99	11.31	Pass
				RB100#0	11.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#0	12.1	Pass
				RB6#0	12.2	Pass
			16-QAM	RB1#0	12.3	Pass
				RB6#0	12.4	Pass
		HCH	QPSK	RB1#5	12.5	Pass
				RB6#0	12.6	Pass
			16-QAM	RB1#5	12.7	Pass
				RB6#0	12.8	Pass
	3 MHz	LCH	QPSK	RB1#0	12.9	Pass
				RB15#0	12.10	Pass
			16-QAM	RB1#0	12.11	Pass
				RB15#0	12.12	Pass
		HCH	QPSK	RB1#14	12.13	Pass
				RB15#0	12.14	Pass
			16-QAM	RB1#14	12.15	Pass
				RB15#0	12.16	Pass
	5 MHz	LCH	QPSK	RB1#0	12.17	Pass
				RB25#0	12.18	Pass
			16-QAM	RB1#0	12.19	Pass
				RB25#0	12.20	Pass
		HCH	QPSK	RB1#24	12.21	Pass
				RB25#0	12.22	Pass
			16-QAM	RB1#24	12.23	Pass
				RB25#0	12.24	Pass
	10 MHz	LCH	QPSK	RB1#0	12.25	Pass
				RB50#0	12.26	Pass
			16-QAM	RB1#0	12.27	Pass
				RB50#0	12.28	Pass
		HCH	QPSK	RB1#49	12.29	Pass
				RB50#0	12.30	Pass
			16-QAM	RB1#49	12.31	Pass
				RB50#0	12.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#0	13.1	Pass
				RB25#0	13.2	Pass
			16-QAM	RB1#0	13.3	Pass
				RB25#0	13.4	Pass
		HCH	QPSK	RB1#24	13.5	Pass
				RB25#0	13.6	Pass
			16-QAM	RB1#24	13.7	Pass
				RB25#0	13.8	Pass
	10 MHz	LCH	QPSK	RB1#0	13.9	Pass
				RB50#0	13.10	Pass
			16-QAM	RB1#0	13.11	Pass
				RB50#0	13.12	Pass
		HCH	QPSK	RB1#49	13.13	Pass
				RB50#0	13.14	Pass
			16-QAM	RB1#49	13.15	Pass
				RB50#0	13.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	14.1	Pass
				RB25#0	14.2	Pass
			16-QAM	RB1#0	14.3	Pass
				RB25#0	14.4	Pass
		HCH	QPSK	RB1#24	14.5	Pass
				RB25#0	14.6	Pass
			16-QAM	RB1#24	14.7	Pass
				RB25#0	14.8	Pass
	10 MHz	LCH	QPSK	RB1#0	14.9	Pass
				RB50#0	14.10	Pass
			16-QAM	RB1#0	14.11	Pass
				RB50#0	14.12	Pass
		HCH	QPSK	RB1#49	14.13	Pass
				RB50#0	14.14	Pass
			16-QAM	RB1#49	14.15	Pass
				RB50#0	14.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB1#0	15.1	Pass
				RB6#0	15.2	Pass
			16-QAM	RB1#0	15.3	Pass
				RB6#0	15.4	Pass
		HCH	QPSK	RB1#5	15.5	Pass
				RB6#0	15.6	Pass
			16-QAM	RB1#5	15.7	Pass
				RB6#0	15.8	Pass
	3 MHz	LCH	QPSK	RB1#0	15.9	Pass
				RB15#0	15.10	Pass
			16-QAM	RB1#0	15.11	Pass
				RB15#0	15.12	Pass
		HCH	QPSK	RB1#14	15.13	Pass
				RB15#0	15.14	Pass
			16-QAM	RB1#14	15.15	Pass
				RB15#0	15.16	Pass
	5 MHz	LCH	QPSK	RB1#0	15.17	Pass
				RB25#0	15.18	Pass
			16-QAM	RB1#0	15.19	Pass
				RB25#0	15.20	Pass
		HCH	QPSK	RB1#24	15.21	Pass
				RB25#0	15.22	Pass
			16-QAM	RB1#24	15.23	Pass
				RB25#0	15.24	Pass
	10 MHz	LCH	QPSK	RB1#0	15.25	Pass
				RB50#0	15.26	Pass
			16-QAM	RB1#0	15.27	Pass
				RB50#0	15.28	Pass
		HCH	QPSK	RB1#49	15.29	Pass
				RB50#0	15.30	Pass
			16-QAM	RB1#49	15.31	Pass
				RB50#0	15.32	Pass
	15 MHz	LCH	QPSK	RB1#0	15.33	Pass
				RB75#0	15.34	Pass
			16-QAM	RB1#0	15.35	Pass
				RB75#0	15.36	Pass
		HCH	QPSK	RB1#74	15.37	Pass
				RB75#0	15.38	Pass
			16-QAM	RB1#74	15.39	Pass
				RB75#0	15.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB1#0	16.1	Pass
				RB6#0	16.2	Pass
			16-QAM	RB1#0	16.3	Pass
				RB6#0	16.4	Pass
		HCH	QPSK	RB1#5	16.5	Pass
				RB6#0	16.6	Pass
			16-QAM	RB1#5	16.7	Pass
				RB6#0	16.8	Pass
	3 MHz	LCH	QPSK	RB1#0	16.9	Pass
				RB15#0	16.10	Pass
			16-QAM	RB1#0	16.11	Pass
				RB15#0	16.12	Pass
		HCH	QPSK	RB1#14	16.13	Pass
				RB15#0	16.14	Pass
			16-QAM	RB1#14	16.15	Pass
				RB15#0	16.16	Pass
	5 MHz	LCH	QPSK	RB1#0	16.17	Pass
				RB25#0	16.18	Pass
			16-QAM	RB1#0	16.19	Pass
				RB25#0	16.20	Pass
		HCH	QPSK	RB1#24	16.21	Pass
				RB25#0	16.22	Pass
			16-QAM	RB1#24	16.23	Pass
				RB25#0	16.24	Pass
	10 MHz	MCH	QPSK	RB1#0	16.25	Pass
				RB50#0	16.26	Pass
			16-QAM	RB1#0	16.27	Pass
				RB50#0	16.28	Pass
		MCH	QPSK	RB1#49	16.29	Pass
				RB50#0	16.30	Pass
			16-QAM	RB1#49	16.31	Pass
				RB50#0	16.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	17.1	Pass
				RB25#0	17.2	Pass
			16-QAM	RB1#0	17.3	Pass
				RB25#0	17.4	Pass
		HCH	QPSK	RB1#24	17.5	Pass
				RB25#0	17.6	Pass
			16-QAM	RB1#24	17.7	Pass
				RB25#0	17.8	Pass
	10 MHz	LCH	QPSK	RB1#0	17.9	Pass
				RB50#0	17.10	Pass
			16-QAM	RB1#0	17.11	Pass
				RB50#0	17.12	Pass
		HCH	QPSK	RB1#49	17.13	Pass
				RB50#0	17.14	Pass
			16-QAM	RB1#49	17.15	Pass
				RB50#0	17.16	Pass
	15 MHz	LCH	QPSK	RB1#0	17.17	Pass
				RB75#0	17.18	Pass
			16-QAM	RB1#0	17.19	Pass
				RB75#0	17.20	Pass
		HCH	QPSK	RB1#74	17.21	Pass
				RB75#0	17.22	Pass
			16-QAM	RB1#74	17.23	Pass
				RB75#0	17.24	Pass
	20 MHz	LCH	QPSK	RB1#0	17.25	Pass
				RB100#0	17.26	Pass
			16-QAM	RB1#0	17.27	Pass
				RB100#0	17.28	Pass
		HCH	QPSK	RB1#99	17.29	Pass
				RB100#0	17.30	Pass
			16-QAM	RB1#99	17.31	Pass
				RB100#0	17.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	18.1	Pass
				RB25#0	18.2	Pass
			16-QAM	RB1#0	18.3	Pass
				RB25#0	18.4	Pass
		HCH	QPSK	RB1#24	18.5	Pass
				RB25#0	18.6	Pass
			16-QAM	RB1#24	18.7	Pass
				RB25#0	18.8	Pass
	10 MHz	LCH	QPSK	RB1#0	18.9	Pass
				RB50#0	18.10	Pass
			16-QAM	RB1#0	18.11	Pass
				RB50#0	18.12	Pass
		HCH	QPSK	RB1#49	18.13	Pass
				RB50#0	18.14	Pass
			16-QAM	RB1#49	18.15	Pass
				RB50#0	18.16	Pass
	15 MHz	LCH	QPSK	RB1#0	18.17	Pass
				RB75#0	18.18	Pass
			16-QAM	RB1#0	18.19	Pass
				RB75#0	18.20	Pass
		HCH	QPSK	RB1#74	18.21	Pass
				RB75#0	18.22	Pass
			16-QAM	RB1#74	18.23	Pass
				RB75#0	18.24	Pass
	20 MHz	LCH	QPSK	RB1#0	18.25	Pass
				RB100#0	18.26	Pass
			16-QAM	RB1#0	18.27	Pass
				RB100#0	18.28	Pass
		HCH	QPSK	RB1#99	18.29	Pass
				RB100#0	18.30	Pass
			16-QAM	RB1#99	18.31	Pass
				RB100#0	18.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	19.1	Pass
				RB6#0	19.2	Pass
			16-QAM	RB1#0	19.3	Pass
				RB6#0	19.4	Pass
		HCH	QPSK	RB1#5	19.5	Pass
				RB6#0	19.6	Pass
			16-QAM	RB1#5	19.7	Pass
				RB6#0	19.8	Pass
	3 MHz	LCH	QPSK	RB1#0	19.9	Pass
				RB15#0	19.10	Pass
			16-QAM	RB1#0	19.11	Pass
				RB15#0	19.12	Pass
		HCH	QPSK	RB1#14	19.13	Pass
				RB15#0	19.14	Pass
			16-QAM	RB1#14	19.15	Pass
				RB15#0	19.16	Pass
	5 MHz	LCH	QPSK	RB1#0	19.17	Pass
				RB25#0	19.18	Pass
			16-QAM	RB1#0	19.19	Pass
				RB25#0	19.20	Pass
		HCH	QPSK	RB1#24	19.21	Pass
				RB25#0	19.22	Pass
			16-QAM	RB1#24	19.23	Pass
				RB25#0	19.24	Pass
	10 MHz	LCH	QPSK	RB1#0	19.25	Pass
				RB50#0	19.26	Pass
			16-QAM	RB1#0	19.27	Pass
				RB50#0	19.28	Pass
		HCH	QPSK	RB1#49	19.29	Pass
				RB50#0	19.30	Pass
			16-QAM	RB1#49	19.31	Pass
				RB50#0	19.32	Pass
	15 MHz	LCH	QPSK	RB1#0	19.33	Pass
				RB75#0	19.34	Pass
			16-QAM	RB1#0	19.35	Pass
				RB75#0	19.36	Pass
		HCH	QPSK	RB1#74	19.37	Pass
				RB75#0	19.38	Pass
			16-QAM	RB1#74	19.39	Pass
				RB75#0	19.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot ^{Note1}	Verdict
	20 MHz	LCH	QPSK	RB1#0	19.41	Pass
				RB100#0	19.42	Pass
			16-QAM	RB1#0	19.43	Pass
				RB100#0	19.44	Pass
		HCH	QPSK	RB1#99	19.45	Pass
				RB100#0	19.46	Pass
			16-QAM	RB1#99	19.47	Pass
				RB100#0	19.48	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot ^{Note2}	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	0	1	0	20.1	Pass
		1	0	1	49	20.2	Pass
		100	0	50	0	20.3	Pass
	16-QAM	1	0	1	0	20.4	Pass
		1	0	1	49	20.5	Pass
		100	0	50	0	20.6	Pass
High	QPSK	1	0	1	49	20.7	Pass
		1	99	1	49	20.8	Pass
		100	0	50	0	20.9	Pass
	16-QAM	1	0	1	49	20.10	Pass
		1	99	1	49	20.11	Pass
		100	0	50	0	20.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	20.13	Pass
		1	0	1	99	20.14	Pass
		100	0	100	0	20.15	Pass
	16-QAM	1	0	1	0	20.16	Pass
		1	0	1	99	20.17	Pass
		100	0	100	0	20.18	Pass
High	QPSK	1	0	1	99	20.19	Pass
		1	99	1	99	20.20	Pass
		100	0	100	0	20.21	Pass
	16-QAM	1	0	1	99	20.22	Pass
		1	99	1	99	20.23	Pass
		100	0	100	0	20.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot ^{Note1}	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	1	0	21.1	Pass
		1	0	1	74	21.2	Pass
		75	0	75	0	21.3	Pass
	16-QAM	1	0	1	0	21.4	Pass
		1	0	1	74	21.5	Pass
		75	0	75	0	21.6	Pass
High	QPSK	1	0	1	74	21.7	Pass
		1	74	1	74	21.8	Pass
		75	0	75	0	21.9	Pass
	16-QAM	1	0	1	74	21.10	Pass
		1	74	1	74	21.11	Pass
		75	0	75	0	21.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	21.13	Pass
		1	0	1	99	21.14	Pass
		100	0	100	0	21.15	Pass
	16-QAM	1	0	1	0	21.16	Pass
		1	0	1	99	21.17	Pass
		100	0	100	0	21.18	Pass
High	QPSK	1	0	1	99	21.19	Pass
		1	99	1	99	21.20	Pass
		100	0	100	0	21.21	Pass
	16-QAM	1	0	1	99	21.22	Pass
		1	99	1	99	21.23	Pass
		100	0	100	0	21.24	Pass

A.7 Field Strength of Spurious Radiation

Note 1: All modes have been tested, and only the worst case data are shown here.

Note 2: The frequencies of verdict which are marked by "N/A" should be ignored because they are UE carrier frequency.

Note 3: Test plots please refer to the document "Annex No.:BL-SZ2391253-501 Data Part 5.pdf".

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot ^{Note3}	Verdict
GSM 850	LCH	1.1	Pass
	MCH		Pass
	HCH		Pass
GSM 1900	LCH	1.2	Pass
	MCH		Pass
	HCH		Pass
EGPRS 850	LCH	2.1	Pass
	MCH		Pass
	HCH		Pass
EGPRS 1900	LCH	2.2	Pass
	MCH		Pass
	HCH		Pass
WCDMA Band 2	LCH	3.1	Pass
	MCH		Pass
	HCH		Pass
WCDMA Band 4	LCH	3.2	Pass
	MCH		Pass
	HCH		Pass
WCDMA Band 5	LCH	3.3	Pass
	MCH		Pass
	HCH		Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Refer to Plot ^{Note3}	Verdict
Band 2	15 MHz	LCH	4.1	Pass
Band 4	20 MHz	LCH	4.2	Pass
Band 5	10 MHz	LCH	4.3	Pass
Band 7	10 MHz	MCH	4.4	Pass
Band 12	10 MHz	LCH	4.5	Pass
LTE B13	5 MHz	HCH	4.6	Pass
LTE B17	5 MHz	LCH	4.7	Pass
Band 26 (Part22)	10 MHz	MCH	4.8	Pass
Band 26 (Part90)	10 MHz	LCH	4.9	Pass
Band 66	20 MHz	MCH	4.10	Pass
Band 38	15 MHz	MCH	4.11	Pass
Band 41	10 MHz	MCH	4.12	Pass
CA_7C	20+10 MHz	LCH + LCH	4.13	Pass
CA_38C	15+15 MHz	HCH+ HCH	4.14	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SZ2391253-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SZ2391253-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SZ2391253-AI.PDF”.

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--END OF REPORT--